

**LUBEX**  
SMART CHOICE

*BELGiN*

# HIGH PERFORMANCE AUTOMOTIVE OILS



# LUBEX

SMART CHOICE

Belgin is one of the leading lubricant producers in Turkey with its deep technical expertise and long-term cooperation with its business partners dating from 1953 to the present day. Being one of Turkey's main exporters of lubricants, today Belgin proudly exports its products to over 50 countries across 5 continents. Responding to the needs of almost all industrial sectors, Belgin produces automotive oils with the Lubex brand and greases with the Greson brand. Belgin is a member of various international sectoral institutions such as ELGI (European Lubricating Grease Institute), UEIL (Union of the European Lubricants Industry), ATIEL (The Technical Association of the European Lubricants Industry) and has hand-in-hand relationships with universities for technological developments.

Lubex offers solutions to most of the car parks in the world with over 80 OEM (Original Equipment Manufacturer) approvals and API certified high-tech products. Lubex automotive oils are designed, developed and regularly updated by Belgin R&D Center to cope up with the most difficult conditions, environmental regulations and requirements for complex specifications. Lubex has been increasing its market share in Turkey and its export markets year by year at a growing rate. Lubex is the address of smart choice, with its innovative problem solving competencies, export experience, logistics skills and customer focused approach even under tough situations.



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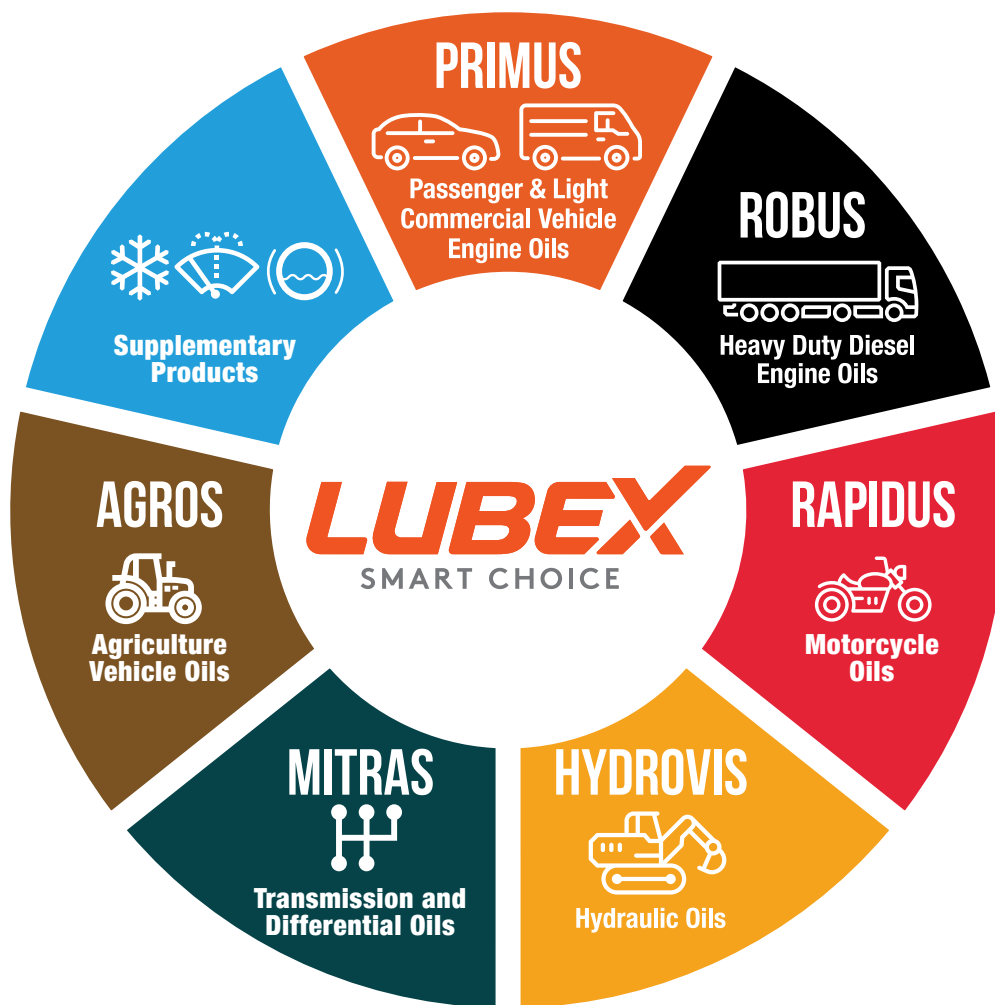


## High-Tech New Generation Products

New generation Lubex Motor Oils with synthetic technology is designed for extending oil change and service intervals, providing fuel economy, superior protection and high efficiency. Our strategy is to develop high quality products which meet the needs of our customers in all driving conditions by following the actual market trends. In line with this strategy, all our products are designed and developed at Belgin R&D Center, using high quality selected raw materials in accordance with industry norms since 1953.

## OEM Approved and API Certified Products

Our products meet all the requirements of the existing vehicle park with over 80 OEM approvals. You can do the selection of right oil very fast for your Passenger, Light Commercial, Trucks & Buses and Agriculture vehicles by using "Lubexplorer" application in our website [www.lubex.com.tr](http://www.lubex.com.tr).



## Wide Product Portfolio

Lubex Motor Oils offers reliable solutions for all components of vehicles from engine to transmission, differential to hydraulic system, brake to cooling system with specially selected base oils and additive technology. That's why, you can easily find the most suitable product in our portfolio to meet your needs and requirements.

## A Reliable Business Partner

Lubex's strategy ownership is based on its advanced technology, its know-how and being a business partner for the customers and suppliers. We always aim to build sustainable and long-term collaborations with our business partners.

### What are the main functions of an engine oil?

There are 5 main functions of an engine oil;

- To minimize friction and wear by forming a film layer between the moving parts of the engine.
- To fulfill the cooling task by absorbing some of the heat generated in critical parts during the operation of the engine.
- To keep all parts of the engine clean by controlling residue and deposit formation with the help of detergent and dispersant additives it contains.
- To provide protection against rust and corrosion by neutralizing the acidic formations released as a result of combustion.
- To provide sealing by the film layer formed between the piston and the cylinder liner.

### What are the major components of engine oils?

The structure of engine oils consists of two main components: base oils and performance additives. Base oils are divided into two main groups: mineral and synthetic, while performance additives vary in terms of the tasks they perform. We can list the main performance additives used in engine oil as follows.

#### ❶ DETERGENTS

Prevent the soot, sludge and other contaminants from combustion from accumulating in critical parts of the engine and keeps the engine clean.

#### ❷ DISPERSANTS

Disperse soot, deposits and other contaminants which are cleaned by detergent additives, and prevents them from accumulating in the critical parts of the engine.

#### ❸ ANTI-WEAR AGENTS

They are activated when pressure builds up between moving surfaces and prevent the critical engine components against wear.

#### ❹ OXIDATION INHIBITORS

Increases the oil's resistance to oxidation at high temperatures.

#### ❺ ANTIFOAMS

Prevents the formation of foam by preventing air bubbles from merging with each other.

#### ❻ FRICTION MODIFIERS

Improves the friction property of the oil, making it easier to move.

#### ❼ RUST AND CORROSION INHIBITORS

Prevents engine against rust and corrosive effects caused by water and moisture.

#### ❽ POUR POINT DEPRESSANTS

Improves fluidity of the oil at low temperatures.

#### ❾ VISCOSITY INDEX DEVELOPERS

It is a polymer-based additive that improves the change of viscosity depending on the temperature and helps the oil to remain fluid at low temperatures and to display viscosity stability that will provide efficient lubrication at high temperatures. It is an additive especially used in multi-grade motor oils.

### Which standards are based on during the development of the new generation Lubex Automotive Oils?

As it is known, although various international standards and specifications are determinant in the performance classification of engine oils, the most valid ones are API (American Petroleum Institute), ACEA (Association des Constructeurs Européens d'Automobiles) and OEM (Original Equipment Manufacturers) specifications. In the new generation Lubex Primus passenger and light commercial engine oils family, we have included our products that meet API: SN and API: SN+ performance levels. Likewise, engine oils meeting the C2, C3, C4 and C5 service levels in ACEA specifications and compatible with exhaust emission systems have been added to our renewed portfolio. In the heavy duty diesel engine oils family, our products in API: CJ-4 and API: CK-4 classes, which are currently the highest performance level, are also included in our new Lubex Robus product portfolio.

Lubex Engine Oils produced with the latest technology provides high lubrication performance and superior protection at different pressures and temperatures, in different climates and driving conditions, and helps to reduce fuel consumption as well as meeting the long service interval requirements. We bring new generation Lubex engine oils into your use in line with the concept of "Right Oil to Every Vehicle" by following technological developments closely.

### Which parameters are considered during the performance evaluation of engine oils?

During the performance evaluation of engine oils, besides the international standards such as API, ACEA, JASO and ILSAC, the parameters specified in the OEM specifications are based on. The main of these measured parameters can be listed as follows;

- Soot-induced viscosity thickening
- Wear rate in critical parts of the engine
- Sludge potential formation in the engine
- Formation of deposits and degree of deposits on pistons
- Oxidation-induced viscosity thickening
- Volatility value and oil consumption rate of engine oil
- Fuel economy provided by engine oil
- Compatible with exhaust emission systems

### How to choose the most suitable engine oil for your vehicle?

Original Equipment Manufacturers determine the specifications of the engine oil to be used in the vehicle user manuals and the international standards that must be met. Therefore, the most suitable choice for your vehicle will be engine oil that meets these specifications and standards. However, depending on the age, mileage and environmental conditions of the vehicle, it may be necessary to use engine oils of different specifications and viscosity from time to time.

"Lubexplorer" online oil finder application, which have been developed for you on our website [www.lubex.com.tr](http://www.lubex.com.tr), offers you the most suitable products according to the brand and model of your vehicle.

### How often or in how many kilometers should the engine oil be changed?

You should change your engine oil and oil filter during each service intervals that have been specified by the vehicle manufacturers. These intervals are determined by vehicle manufacturers and not by oil producers and indicated by mileage or duration. Engine oil manufacturers produce engine oils that comply with these oil change intervals and meet the requirements of vehicle manufacturers and this helps to get maximum performance from the engine.

### Who determines the performance classification of engine oils?

Automotive oils have been classified by major organizations. You can see the most important ones as follows;

**API:** American Petroleum Institute

**ACEA:** Association des Constructeurs Européens d'Automobiles

**ILSAC:** International Lubricant Standardization & Approval Committee

The most common classifications are API and ACEA classifications. In order to understand the performance of oil, API and ACEA values in the packaging are checked.

### API Performance Classification

One of the most valid criteria in performance classification of engine oils is the API. Classification is made with two letters. The first letter indicates which oil is appropriate for gasoline-powered engines (S) and diesel (C) engines; while the second letter shows the performance level of the oil in the same group. For example; API SN/CF. The letter "S" shows to be used in gasoline vehicles (spark ignition) and the letter "C" shows to be used on diesel vehicles (compressed ignition vehicles). Performance classification is made, being the lowest A in both groups, between A-N (SA, SB, ..... SM, SN) for gasoline-powered engines and A-K (CA, CB, ..... CJ-4, CK-4) for diesel engines. As the letters, coming after the letters S and C, proceed in alphabetical order, the quality of engine oil increases. If you see a performance level indicating "API SN/CF" on your car manual, this means that oil can be used in gasoline-powered and diesel engines.

## ACEA Performance Classification

European Automobile Manufacturers Association ACEA (Association des Constructeurs Européens d'automobile), was put into practice a new engine oil quality classification that supersedes the classification of the former CCMC partnership in 1996. According to this classification gasoline-powered engine oils have been indicated by the letter A, light duty diesel engine oils have been indicated by the letter B and heavy-duty diesel engine oils have been indicated by the letter E. The quality classification has been rearranged in 2016 and classifications of gasoline-powered engine oils and light duty diesel engine oils were combined and has been indicated by the letter A/B; while diesel particulate filter equipped passenger and light duty diesel engine oils have been indicated by the letter C and heavy-duty diesel engine oils by the letter E.

## ILSAC Performance Classification

The organization named, ILSAC (International Lubricants Standardization and Approval Committee), has been formed by AAMA (American Automobile Manufacturers Association) and JAMA (Japan Automobile Manufacturers Association) for the purpose of determining a new performance classification at gasoline engine oils, including fuel economy and GF-1, GF-2, GF-3, GF-4, GF-5, GF-6A, GF-6B performance levels have been put in place starting from 1994.

## Engine Oils SAEJ300 Viscosity Classification

The most widely used system for viscosity classification of engine oils was determined by SAE ( Society of Automotive Engineers) . In this classification, two series of viscosity numbers are defined, which contain the letter 'W' (meaning Winter in English) and which do not contain the letter 'W'.

The 'W' letter viscosity classes are intended to be used at low operating temperatures based on the maximum low temperature initial operating viscosity value, maximum pumpability limit temperature value, as well as a minimum viscosity value of 100 °C.

The viscosity grades without 'W' letter are based on HTHS viscosity values at 150° C and viscosity values measured at 100° C.

For example; SAE 5W-30 which is four-season multi-grade motor oil provides easy and fast lubrication by displaying SAE 5W viscosity grade characteristic during cold start operation. When the engine reaches the regime temperature and the engine oil warms up, the oil displays SAE 30 viscosity grade property and helps to increase lubrication efficiency.

SAE Viscosity Grade	Low Temperature, °C, Cranking Viscosity, (mPa-s), max.	Low Temperature, °C, Pumping Viscosity, (mPa-s) max.	Cinematic Viscosity @100 °C (cSt) min.	Cinematic Viscosity @100 °C (cSt) max.	High Temperature High Shear Viscosity, @150 °C, (mPa-s), min.
0W	6200 @ -35 °C	60000 @ -40 °C	3,8	-	-
5W	6600 @ -30 °C	60000 @ -35 °C	3,8	-	-
10W	7000 @ -25 °C	60000 @ -30 °C	4,1	-	-
15W	7000 @ -20 °C	60000 @ -25 °C	5,6	-	-
20W	9500 @ -15 °C	60000 @ -20 °C	5,6	-	-
25W	13000 @ -10 °C	60000 @ -15 °C	9,3	-	-
8	-	-	4,0	< 6,1	1,7
12	-	-	5,0	< 7,1	2,0
16	-	-	6,1	< 8,2	2,3
20	-	-	6,9	< 9,3	2,6
30	-	-	9,3	< 12,5	2,9
40	-	-	12,5	< 16,3	3,5 (0W-40, 5W-40, 10W-40 grades)
40	-	-	12,5	< 16,3	3,7 (15W-40, 20W-40, 25W-40, 40 grades)
50	-	-	16,3	< 21,9	3,7
60	-	-	21,9	< 26,1	3,7

# Which oil is the right oil?



We see that the rapid change in engine technology during recent years has increased the stress on the engine oil and has resulted in some negative effects. The majors of these effects can be listed as follows.

- **High rate of soot contamination:**

It accelerates the thickening of the engine oil and resulting wear.

- **High fuel and compression gas contamination:**

It can trigger the increase of acidic formation and corrosion in the engine.

- **The reduction of crankcase volumes in parallel with the downsizing of the engines:**

The use of less volume of engine oil causes it to be exposed to more stress.

- **High temperature formation as a result of high pressure and high power outputs:**

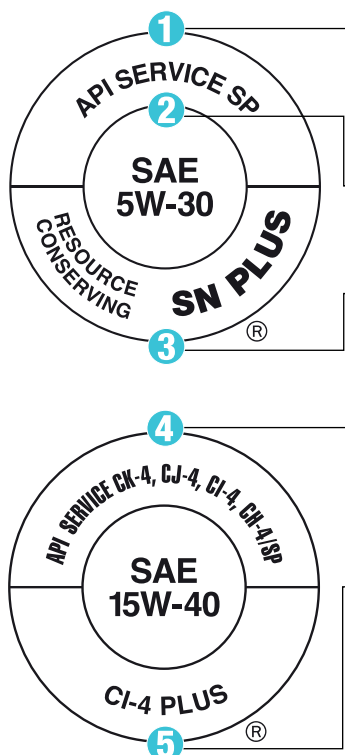
It causes oxidation and deterioration of the engine oil resulting thickening.

For this reason, our strategy as Belgin Oil is to develop high performance products that will cope with these negative effects during all driving conditions and meet the demanding requirements of the industry. Lubex Motor Oils have been specially developed and thoroughly tested to meet or exceed the performance requirements of international standards such as API and ACEA, in addition to this approved by the major worldwide OEMs.

The API service symbol is used to identify high-performance and certified engine oils that have passed certain quality control processes, produced for gasoline and diesel vehicles. That's why engine oils with the API Service symbol help consumers ensure they're putting the highest quality engine oils in their vehicles.



## The API Service Symbol is also known as "Donut".



### 1. API Performance Level

Motor oils designed for cars, vans, and light trucks with gasoline engines fall under API's "S" (Service) categories. Motor oils designed for heavy-duty trucks and vehicles with diesel engines fall under API's "C" (Commercial) categories.

### 2. Viscosity Grade

The measure of an oil's ability to flow at certain temperatures. Vehicle requirements may vary. Follow your vehicle manufacturer's recommendations on SAE oil viscosity.

### 3. Resource Conserving

"Resource Conserving" applies to oils intended for gasoline-engine cars, vans, and light trucks. Widespread use of "Resource Conserving" oils may result in an overall savings of fuel in the vehicle fleet as a whole.

### 4. Multiple Performance Levels

Oils designed for diesel engine service might also meet gasoline engine service. For these oils the designation is "C" category first followed by the "S" category. "C" category oils have been formulated primarily for diesel engines and may not provide all of the performance requirements consistent with vehicle manufacturers' recommendations for gasoline fueled engines.

### 5. PLUS Classifications

API currently licenses two PLUS classifications for use in the lower portion of the API Donut: CI-4 PLUS and SN PLUS. CI-4 PLUS identifies oils formulated to provide a higher level of protection against soot-related viscosity increase and viscosity loss due to shear in diesel engines. When originally introduced, CI-4 PLUS identified CI-4 oils meeting a higher level of performance. CK-4 and CJ-4 oils include all CI-4 PLUS performance requirements. When originally introduced, SN PLUS identified API SN oils meeting a higher level of performance. API SP oils include all SN PLUS requirements.

PRODUCT NAME	SAE VISCOSITY NUMBER	API PERFORMANCE CATEGORY	CLASSIFICATION	APPROVALS AND SPECIFICATIONS
LUBEX PRIMUS HYBRID	0W-16	SN	Resource Conserving	
LUBEX PRIMUS SJA	0W-20	SN	Resource Conserving	ILSAC GF-5; GM Dexos 1 Gen 2, FCA MS-6395
LUBEX PRIMUS EC	5W-20	SN	Resource Conserving	FCA MS-6395; FCA 9.55535-CR1
LUBEX PRIMUS MV-LA	5W-30	SN		MB-Approval 229.52, MB-Approval 229.51, MB 229.31; BMW LL-04; Fiat 9.55535-S1; GM Dexos II; PSA B71 2290
LUBEX PRIMUS SMB-LA	5W-30	SN		MB-Approval 229.52, MB-Approval 229.51, MB 229.31; GM Dexos II
LUBEX PRIMUS SVW-LA	5W-30	SN		VW Standard 504 00, VW Standard 507 00; Porsche C-30; MB 229.51
LUBEX PRIMUS PG-LA	5W-30	SN		PSA B71 2290; Fiat 9.55535-S1
LUBEX PRIMUS MV	5W-30	SL		BMW LL-98; GM LL-B-025; MB 229.5; VW 502.00/505.00; Renault RN 0710, Renault RN 0700
LUBEX PRIMUS RN	5W-30	SL		Renault RN 0710, Renault RN 0700
LUBEX PRIMUS EC	5W-30	SN		
LUBEX PRIMUS MV	5W-40	SN		BMW LL-98; FCA 9.55535-Z2; GM LL-B-025; Porsche A40; Renault RN 0710, Renault RN 0700; MB 229.5, MB 229.3; VW 502.00/505.00
LUBEX PRIMUS RN	5W-40	SN		Renault RN 0710, Renault RN 0700; Fiat 9.55535-M2
LUBEX PRIMUS MV	10W-40	SN		Fiat 9.55535-G2; MB 229.3, MB 229.1; Renault RN 0710, Renault RN 0700; VW 501.01/505.00
LUBEX ROBUS GLOBAL LA	5W-30	CK-4/SN	CI-4 PLUS	Renault RLD-3; Volvo VDS-4.5; Mack EOS-4.5; MAN M 3677; MB-Approval 228.51, MB 228.31; CAT ECF-3; CES 20086, CES 20081; DDC 93K222; Deutz DQC IV-10 LA; MTU Type 3.1; JASO DH-2
LUBEX ROBUS GLOBAL LA	10W-40	CK-4	CI-4 PLUS	MB Approval 228.51; MACK EOS-4.5; RENAULT RLD-3; VOLVO VDS-4.5; CAT ECF-3; MAN M3775, M3477; CES 20086; DDC 93K222; DEUTZ DQC IV-18 LA; JASO DH-2; MTU TYPE 3.1
LUBEX ROBUS MASTER LA	10W-40	CI-4		MB-Approval 228.51; Volvo VDS-3; Mack EO-N; Renault RLD-2; MTU Type 3.1; MAN M 3477, MAN M 3271-1; CES 20076; Deutz DQC IV-18 LA; CAT ECF-1A
LUBEX ROBUS PRO LA	15W-40	CK-4	CI-4 PLUS	Renault RLD-3; Mack EOS 4.5; Volvo VDS-4.5; CAT ECF-3; Cummins CES 20086; Detroit DDC 93K222; Deutz DQC III-18 LA; Ford WSS-M2C171-F1; MTU Type 2.1; MAN M 3775; MB 228.31
LUBEX ROBUS PRO EC	15W-40	CI-4		MB-Approval 228.3; Renault RLD-2; Mack EO-M Plus; CAT ECF-1A; CES 20077; Deutz DQC II; MTU Type 2; MAN M 3275-1

Lubex well knows the roads and how to adapt the technology to its work. Here is a smart application that the brand has developed. All products in Lubex's portfolio are more valuable than each other, but which is suitable for you?

# LUBEXPLORER

helps you to find out.

### Passenger Vehicles



### Light Commercial Vehicles



### Trucks and Buses



### Agriculture Vehicles



### Construction, Mining and Materials Handling Equipment



**It is now very easy to learn the most suitable Lubex Motor Oil for your vehicle.**

With Lubexplorer application, which is prepared based on the specifications in the utilization and maintenance manuals of original equipment manufacturers (OEM), you can quickly choose the right Lubex for your passenger vehicles, low commercial vehicles, trucks, buses, and agriculture vehicles. You can have access to Lubexplorer application via our website [www.lubex.com.tr](http://www.lubex.com.tr).



# PRIMUS



Passenger & Light  
Commercial Vehicle  
Engine Oils



Supplementary  
Products

# AGROS



Agriculture  
Vehicle Oils

**LUBEX**  
SMART CHOICE

# ROBUS



Heavy Duty Diesel  
Engine Oils

# RAPIDUS



Motorcycle  
Oils

# MITRAS



Transmission and  
Differential Oils

# HYDROVIS



Hydraulic Oils

### LUBEX PRIMUS HYBRID 0W-16

FULL SYNTHETIC

**PERFORMANCE**  
API SN PLUS, SN/RC

**PRODUCT DEFINITION**

A fully synthetic engine oil formulated specifically for use in hybrid vehicles, to provide outstanding performance in start-stop engines and improved fuel economy.



Suitable for all types of hybrid engine.



Fuel economy due to low viscosity.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



### LUBEX PRIMUS SJA 0W-20

FULL SYNTHETIC

**PERFORMANCE**  
API SN/RC; ILSAC GF-5

**APPROVALS AND SPECIFICATIONS**  
GM DEXOS I GEN 2;  
FCA MS-6395

**PRODUCT DEFINITION**

A high performance, fully synthetic engine oil developed to provide fuel economy and long life, especially for the new generation of Japanese and Korean petrol engines in the ILSAC GF-5 and API SN standards.



Outstanding technology improving engine performance and fuel economy by reducing friction at all temperatures.



Minimum wear at engine start-up, even in low temperatures, as well as excellent flow performance.



Provides a superior cleaning power and protects against sludge and soot formation.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS FA-LA 0W-20

FULL SYNTHETIC

**PERFORMANCE**  
ACEA C5

**APPROVALS AND SPECIFICATIONS**  
FIAT 9.55535-DM1;  
Jaguar / Land Rover STJLR.51.5122

**PRODUCT DEFINITION**

It is a high performance synthetic engine oil developed by using specially selected fully synthetic base oils and high technology additives. It has been specially developed for use in FIAT's new generation 1.3 Multijet Euro 6 (Adblue/Selective Catalytic Reduction-SCR) passenger and light commercial diesel engines requiring FIAT 9.55535-DM1 specification.



Enables a long life for exhaust emission systems (DPF / GPF / TWC / SCR) and environmental protection due to its low ash, phosphorus and sulphur structure



Outstanding technology improving engine performance and fuel economy by reducing friction at all temperatures



Minimum wear at engine start-up, even in low temperatures, as well as excellent flow performance



### LUBEX PRIMUS SV-LA 0W-20

FULL SYNTHETIC

**APPROVALS AND SPECIFICATIONS**  
VW STANDARD 508.00,  
VW STANDARD 509.00;  
PORSCHE C-20

**PRODUCT DEFINITION**

A high performance, fully synthetic engine oil developed to provide good fuel economy and long life for engines of the new generation of Volkswagen Group (VW, Porsche, Audi, Skoda, Seat) requiring the specification of the VW 508.00 / 509.00 and the 0W-20 viscosity class.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Up to 4% fuel saving due to low friction and oxidation performance.



Outstanding protection for the new generation VW Group engines, with high capacity and tight tolerances.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS SVW-LA 0W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C3

#### APPROVALS AND SPECIFICATIONS

VW STANDARD 504.00,  
VW STANDARD 507.00;  
PORSCHE C-30

#### PRODUCT DEFINITION

A high performance synthetic engine oil with a low-SAPS formula for use in Volkswagen Group vehicles (VW, Porsche, Audi, Skoda, Seat) with a low emission system (DPF, GPF, TWC). Suitable for use in petrol, diesel passenger and light commercial vehicles.



Enables a long life for exhaust emission systems (DPF / GPF / TWC) and environmental protection due to its low ash, phosphorus and sulphur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Up to 1.7% fuel saving due to low friction and oxidation performance.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS SVW-LA 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C3

#### APPROVALS AND SPECIFICATIONS

VW STANDARD 504.00,  
VW STANDARD 507.00;  
MB 229.51; PORSCHE C-30

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil with a low-SAPS formula, for use in Volkswagen Group vehicles (VW, Porsche, Audi, Skoda, Seat) with a low emission system (DPF, GPF, TWC). Suitable for use in petrol, diesel passenger and light commercial vehicles.



Enables a long life for exhaust emission systems (DPF / GPF / TWC) and environmental protection due to its low ash, phosphorus and sulphur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Up to 1.7% fuel saving due to low friction and oxidation performance.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS PG-LA 0W-30

FULL SYNTHETIC

#### PERFORMANCE

ACEA C2

#### APPROVALS AND SPECIFICATIONS

PSA B71 2312

#### PRODUCT DEFINITION

It is a fully synthetic new generation high performance engine oil which is manufactured by blending synthetic base oils and high technology additives. It is suitable for use in passenger and light commercial diesel engines.



Enables a long life for exhaust emission systems (DPF / GPF / TWC / SCR) and environmental protection due to its low ash, phosphorus and sulphur structure.



Outstanding technology improving engine performance and fuel economy by reducing friction at all temperatures.



Minimum wear at engine start-up, even in low temperatures, as well as excellent flow performance.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS PG-LA 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C2, C3

#### APPROVALS AND SPECIFICATIONS

PSA B71 2290; FIAT 9.55535-S1

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil with low-SAPS technology developed especially for petrol and diesel passenger cars and light commercial PSA Group vehicles with a diesel particulate filter (DPF).



Enables a long life for exhaust emission systems (DPF / GPF / TWC) and environmental protection due to its low ash, phosphorus and sulphur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Up to 1.7% fuel saving due to low friction and oxidation performance.



### LUBEX PRIMUS MV-LA 0W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C2, C3

#### APPROVALS AND SPECIFICATIONS

BMW LL-98, LL-04;  
FIAT 9.55535 DS1/GS1;  
GM DEXOS II; MB 229.51, 229.31;  
PSA B71 2290

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil with a low-SAPS formula, ideal for use in new generation vehicles with low emission system (DPF, SCR). Suitable for use in petrol, diesel passenger and light commercial vehicles.



Extended life of exhaust systems (DPF/GPF/TWC) and environment protection due to low ash, phosphorus and sulfur structure.



Up to 1.7% fuel saving due to low friction and oxidation performance.



Excellent cleaning power providing engine protection against sludge and soot formation.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS MV-LA 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C2, C3

#### APPROVALS AND SPECIFICATIONS

BMW LL-04;  
MB-APPROVAL 229.52,  
MB-APPROVAL 229.51,  
MB 229.31; FIAT 9.55535-S1;  
GM DEXOS II; PSA B71 2290

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil with a low-SAPS formula, ideal for use in new generation vehicles with low emission system (DPF, SCR). Suitable for use in petrol, diesel passenger and light commercial vehicles.



Extended life of exhaust systems (DPF/GPF/TWC) and environment protection due to low ash, phosphorus and sulfur structure.



Up to 1.7% fuel saving due to low friction and oxidation performance.



Excellent cleaning power providing engine protection against sludge and soot formation.



### LUBEX PRIMUS FM-LA 0W-30

FULL SYNTHETIC

#### PERFORMANCE

ACEA C2

#### APPROVALS AND SPECIFICATIONS

Ford WSS-M2C950-A;  
Jaguar / Land Rover STJLR.03.5007

#### PRODUCT DEFINITION

It is a high performance synthetic engine oil suitable for use in gasoline, diesel passenger cars and light commercial vehicles, produced with specially selected synthetic base oils and additive technology. It is also suitable for use in vehicles with diesel particulate filter (DPF) where ACEA C2 performance level engine oil is recommended.



Enables a long life for exhaust emission systems (DPF / TWC / SCR) and environmental protection due to its low ash, phosphorus and sulphur structure



Outstanding technology improving engine performance and fuel economy by reducing friction at all temperatures



Minimum wear at engine start-up, even in low temperatures, as well as excellent flow performance



### LUBEX PRIMUS SMB-LA 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C2, C3

#### APPROVALS AND SPECIFICATIONS

MB-APPROVAL 229.51,  
MB-APPROVAL 229.52,  
MB 229.31; GM DEXOS II

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil with a low-SAPS formula, ideal for use in new Mercedes vehicles with low emission system (DPF, SCR). Suitable for use in petrol, diesel passenger and light commercial vehicles.



Enables a long life for exhaust emission systems (DPF / GPF / TWC) and environmental protection due to its low ash, phosphorus and sulphur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Up to 1.7% fuel saving due to low friction and oxidation performance.



Excellent protection against wear and corrosion.



### LUBEX PRIMUS MB-LA 5W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C3

#### APPROVALS AND SPECIFICATIONS

FCA 9.55535-S2;  
GM DEXOS 2;  
MB 229.51, 229.31

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil with a low-SAPS formula, ideal for use in new Mercedes vehicles with low emission system (DPF, SCR). Suitable for use in petrol, diesel passenger and light commercial vehicles.



Enables a long life for exhaust emission systems (DPF / GPF / TWC) and environmental protection due to its low ash, phosphorus and sulphur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Excellent protection against wear and corrosion.



### LUBEX PRIMUS C3-LA 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C3

#### APPROVALS AND SPECIFICATIONS

FIAT 9.55535-S3

#### PRODUCT DEFINITION

A fully synthetic engine oil that is compatible with the exhaust emission systems of petrol, diesel passenger and light commercial vehicles and in particular those with a diesel particulate filter (DPF) that meet the Euro 4 and 5 emission standard requirements.



Extended life of exhaust systems (DPF/GPF/TWC) and environment protection due to low ash, phosphorus and sulfur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Extended oil life due to high oxidation resistance.



### LUBEX PRIMUS C3-LA 5W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA C3

#### PRODUCT DEFINITION

A fully synthetic engine oil that is compatible with the exhaust emission systems of petrol, diesel passenger and light commercial vehicles and in particular those with a diesel particulate filter (DPF) that meet the Euro 4 and 5 emission standard requirements.



Extended life of exhaust systems (DPF/GPF/TWC) and environment protection due to low ash, phosphorus and sulfur structure.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Excellent cleaning power providing engine protection against sludge and soot formation.



Extended oil life due to high oxidation resistance.



### LUBEX PRIMUS RN-LA 5W-30

FULL SYNTHETIC

#### PERFORMANCE

ACEA C4

#### APPROVALS AND SPECIFICATIONS

RENAULT RN 0720;  
Jaguar / Land Rover STJLR.03.5005

#### PRODUCT DEFINITION

A fully synthetic engine oil developed specifically for use in Renault vehicles with a diesel particulate filter (DPF) and approved by Renault.



Extended life of exhaust systems (DPF/GPF/TWC) and environment protection due to low ash, phosphorus and sulfur structure.



Excellent cleaning power providing engine protection against sludge and soot formation.



Up to 1.7% fuel saving due to low friction and oxidation performance.



### LUBEX PRIMUS RN 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SL\*/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

RENAULT RN 0700, RN 0710

\*Meets API SN engine test requirement.

#### PRODUCT DEFINITION

A fully synthetic engine oil that provides outstanding protection and lubrication in extreme driving conditions and high operating temperatures, allowing optimal performance for all Renault Group vehicles.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Excellent cleaning power providing engine protection against sludge and soot formation.



Fuel economy due to its low friction performance.



### LUBEX PRIMUS RN 5W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

RENAULT RN 0700, RN 0710;  
FIAT 9.55535-M2

#### PRODUCT DEFINITION

A fully synthetic engine oil that provides outstanding protection and lubrication in extreme driving conditions and high operating temperatures, allowing optimal performance for all Renault Group vehicles.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Extended oil life due to high oxidation resistance.



Excellent cleaning power providing engine protection against sludge and soot formation.



### LUBEX PRIMUS FM 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SL/CF; ACEA A5/B5

#### APPROVALS AND SPECIFICATIONS

FORD WSS-M2C913-A-B-C-D

#### PRODUCT DEFINITION

A fully synthetic engine oil that helps especially Ford vehicles to be kept at optimal performance in extreme driving conditions.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Fuel economy due to its low friction performance.



Superior protection with excellent flow performance in start-stop engines.



It can be used in Ford Transit brand vehicles with Diesel Particulate Filter (DPF) and without Diesel Particulate Filter (without DPF) where Ford WSS-M2C913-B, C and D approvals are required.



### LUBEX PRIMUS MV 0W-30

FULL SYNTHETIC

#### PERFORMANCE

API SL\*/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

BMW LL-98; GM LL-B-025;  
MB 229.3; VW 502.00/505.00;  
RENAULT RN 0700, RN 0710

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil designed for use in gasoline, diesel passenger and light commercial vehicles, produced using specially selected synthetic base oils and additives technology.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Excellent cleaning power providing engine protection against sludge and soot formation.



Suitable for many vehicle models, particularly the new generation of engines developed by European engine manufacturers.



Poly-Alpha-Olefin Technology



\*Meets API SN engine test requirement.



### LUBEX PRIMUS MV 0W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

BMW LL-98; FIAT 9.55535-M2; GM LL-B-025; PORSCHE A-40; MB 229.3; RENAULT RN 0700; VW 502.00/505.00

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil designed for use in gasoline, diesel passenger and light commercial vehicles, produced using specially selected synthetic base oils and additives technology.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Suitable for many vehicle models, particularly the new generation of engines developed by European engine manufacturers.



Excellent cleaning power providing engine protection against sludge and soot formation.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS MV 5W-30

FULL SYNTHETIC

#### PERFORMANCE

API SL\*/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

BMW LL-98; MB 229.5; RENAULT RN 0710, RN 0700; VW 502.00/505.00; GM LL-B-025

\*Meets API SN engine test requirement.

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil designed for use in gasoline, diesel passenger and light commercial vehicles, produced using specially selected synthetic base oils and additives technology.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Suitable for many vehicle models, particularly the new generation of engines developed by European engine manufacturers.



Excellent cleaning power providing engine protection against sludge and soot formation.



### LUBEX PRIMUS MV 5W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

BMW LL-98; FCA 9.55535-Z2; GM LL-B-025; PORSCHE A-40; RENAULT RN 0710, RN 0700; MB 229.5, MB 229.3; VW 502.00/505.00

#### PRODUCT DEFINITION

A high performance fully synthetic engine oil designed for use in gasoline, diesel passenger and light commercial vehicles, produced using specially selected synthetic base oils and additives technology.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Suitable for many vehicle models, particularly the new generation of engines developed by European engine manufacturers.



Excellent cleaning power providing engine protection against sludge and soot formation.



### LUBEX PRIMUS MV 10W-60

FULL SYNTHETIC

#### PERFORMANCE

API SN/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

BMW LL-98; GM LL-B-025; RENAULT RN 0700, RN 0710; MB 229.3; VW 502.00/505.00

#### PRODUCT DEFINITION

A high performance, fully synthetic engine oil with a unique formula optimised for use in motor sports and for long-haul or high-speed vehicles.



Excellent lubrication performance especially at high temperatures.



Outstanding oil film thickness to protect high mileage engines.



Special formula for high-speed driving conditions such as Motor sports.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS MV 10W-40

SYNTHETIC

#### PERFORMANCE

API SN/CF; ACEA A3/B4

#### APPROVALS AND SPECIFICATIONS

FIAT 9.55535-G2;  
MB 229.3, MB 229.1;  
RENAULT RN 0700, RN 0710;  
VW 501.01/505.00

#### PRODUCT DEFINITION

A synthetic technology engine oil that provides outstanding protection in gasoline, LPG and passenger diesel and light commercial vehicles.



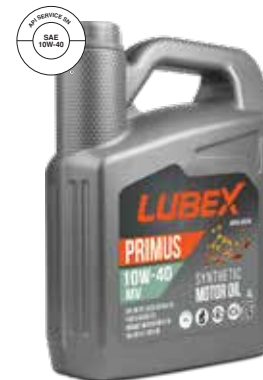
Full protection against wear in the engine especially in stop-and-go conditions.



Special additives to prevent ash and sludge accumulation in the engine.



Excellent protection against wear and corrosion.



### LUBEX PRIMUS EC 0W-30

FULL SYNTHETIC

#### PERFORMANCE

API SN

#### PRODUCT DEFINITION

A fully synthetic engine oil produced with specially selected synthetic base oils and additive technology, to meet the highest level of performance, the API:SN classification, as specified by the American Petroleum Institute (API) for gasoline engines.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Extended oil life due to high oxidation resistance.



Excellent cleaning power providing engine protection against sludge and soot formation.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS EC 0W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN

#### PRODUCT DEFINITION

A fully synthetic engine oil produced with specially selected synthetic base oils and additive technology, to meet the highest level of performance, the API:SN classification, as specified by the American Petroleum Institute (API) for gasoline engines.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Extended oil life due to high oxidation resistance.



Excellent cleaning power providing engine protection against sludge and soot formation.



Poly-Alpha-Olefin Technology



### LUBEX PRIMUS EC 5W-20

FULL SYNTHETIC

#### PERFORMANCE

API SN/RC

#### APPROVALS AND SPECIFICATIONS

FCA MS-6395,  
FCA 9.55535-CR1

#### PRODUCT DEFINITION

A fully synthetic engine oil produced with specially selected synthetic base oils and additive technology, to meet the highest level of performance, the API:SN classification, as specified by the American Petroleum Institute (API) for gasoline engines. Suitable for LPG vehicles as well.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Extended oil life due to high oxidation resistance.



Excellent cleaning power providing engine protection against sludge and soot formation.



### LUBEX PRIMUS EC 5W-30

FULL SYNTHETIC

**PERFORMANCE**  
API SN/CF

#### PRODUCT DEFINITION

A fully synthetic engine oil produced with specially selected synthetic base oils and additive technology, to meet the highest level of performance, the API:SN classification, as specified by the American Petroleum Institute (API) for gasoline engines. Suitable for LPG vehicles as well.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Extended oil life due to high oxidation resistance.



Excellent cleaning power providing engine protection against sludge and soot formation.



### LUBEX PRIMUS EC 5W-40

FULL SYNTHETIC

**PERFORMANCE**  
API SN/CF

#### PRODUCT DEFINITION

A fully synthetic engine oil produced with specially selected synthetic base oils and additive technology, to meet the highest level of performance, the API:SN classification, as specified by the American Petroleum Institute (API) for gasoline engines. Suitable for LPG vehicles as well.



Excellent cleaning power providing engine protection against sludge and soot formation.



Extended oil life due to high oxidation resistance.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



### LUBEX PRIMUS EC 10W-30

SYNTHETIC

**PERFORMANCE**  
API SL/CF

#### PRODUCT DEFINITION

A high performance synthetic technology engine oil that provides outstanding protection in gasoline, LPG, diesel and light commercial vehicles.



Minimum wear at engine startup, even in low temperatures, as well as excellent flow performance.



Special additives to prevent ash and sludge accumulation in the engine.



Thorough protection against rust and wear in the engine



Continuous and complete cleaning allows optimal performance and long life of essential engine parts with.



### LUBEX PRIMUS EC 10W-40

SYNTHETIC

**PERFORMANCE**  
API SL/CF

#### PRODUCT DEFINITION

A high performance synthetic technology engine oil that provides outstanding protection and cleanliness, even in extreme driving conditions. Suitable for use in petrol, diesel passenger and light commercial vehicles.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures.



Low oil consumption due to viscosity control.



Thorough protection against rust and wear in the engine



## LUBEX PRIMUS EC 15W-40

MINERAL

**PERFORMANCE**  
API SL/CF

### PRODUCT DEFINITION

Developed to provide outstanding protection and lubrication and suitable for use in Petrol, LPG, passenger diesel and light commercial vehicles.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures



Low oil consumption due to viscosity control



Thorough protection against rust and wear in the engine



## LUBEX PRIMUS EC 15W-50

MINERAL

**PERFORMANCE**  
API SL/CF

### PRODUCT DEFINITION

It is the high performance motor oil produced by blending mineral base oils and special additives and developed to provide high protection and lubrication performance. It can be used in four seasons.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures



Low oil consumption due to viscosity control



Thorough protection against rust and wear in the engine



## LUBEX PRIMUS EC 20W-50

MINERAL

**PERFORMANCE**  
API SL/CF

### PRODUCT DEFINITION

An engine oil formulated with high quality mineral base oils and advanced additive technology. Especially suitable for high mileage gasoline, LPG, diesel passenger and light commercial vehicles.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures



Low oil consumption due to viscosity control



Thorough protection against rust and wear in the engine





**LUBEX**  
SMART CHOICE

**PRIMUS**



Passenger & Light  
Commercial Vehicle  
Engine Oils

**ROBUS**



Heavy Duty Diesel  
Engine Oils

**RAPIDUS**



Motorcycle  
Oils

**HYDROVIS**



Hydraulic Oils

**MITRAS**



Transmission and  
Differential Oils

**AGROS**



Agriculture  
Vehicle Oils



Supplementary  
Products

## LUBEX ROBUS GLOBAL LA 5W-30

FULL SYNTHETIC

### PERFORMANCE

API CK-4, CJ-4, CI-4 PLUS/SN;  
ACEA E9, E7, E6

### APPROVALS AND SPECIFICATIONS

**RENAULT RLD-3; VOLVO VDS-4.5;**  
**MACK EOS-4.5; MAN M 3677;**  
**MB-APPROVAL 228.51,** MB 228.31;  
CAT ECF-3; CES 20081-86;  
DDC 93K222;  
DEUTZ DQC IV-10 LA;  
JASO DH-2; MTU TYPE 3.1;  
FORD WSS-M2C213-A1;  
SCANIA LOW ASH

### PRODUCT DEFINITION

A high performance, completely synthetic, heavy duty diesel engine oil formulated specifically for use in new generation, low emission Euro VI vehicles. Developed with Low SAPS additive technology and offering outstanding engine protection and fuel economy. Also suitable for use in Euro V, Euro IV, Euro III, Euro II and Euro I vehicles.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



Fuel saving due to its low friction and oxidation stability



Outstanding engine cleaning and superior protection.



Prolongs the need for preventative maintenance services, allowing savings in maintenance costs.



## LUBEX ROBUS GLOBAL LA 10W-40

FULL SYNTHETIC

### PERFORMANCE

API CK-4, CJ-4, CI-4 PLUS;  
ACEA E9, E7, E6

### APPROVALS AND SPECIFICATIONS

**MB APPROVAL 228.51;**  
**MACK EOS-4.5; RENAULT RLD-3;**  
**VOLVO VDS-4.5;**  
CAT ECF-3; MAN M3775, M3477;  
CES 20086; DDC 93K222;  
DEUTZ DQC IV-18 LA;  
JASO DH-2; MTU TYPE 3.1

### PRODUCT DEFINITION

A high performance, fully synthetic, heavy duty diesel engine oil developed with Low SAPS additive technology and formulated specifically for use in new generation, low emission Euro VI vehicles. Offers engine protection and therefore savings in maintenance costs by prolonging preventative maintenance services. Also suitable for use in Euro V, Euro IV, Euro III, Euro II and Euro I vehicles.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



The optimum solution for fleets with mixed vehicle parks and major OEM approvals.



Superior protection against wear and corrosion



Outstanding cleaning performance for essential engine parts, to prolong the life of engines.



## LUBEX ROBUS MASTER LA 10W-40

SYNTHETIC

### PERFORMANCE

API CI-4; ACEA E9, E7, E6

### APPROVALS AND SPECIFICATIONS

**MTU TYPE 3.1; MACK EO-N;**  
**MB-APPROVAL 228.51;**  
**RENAULT RLD-2; VOLVO VDS-3;**  
MAN M 3477, MAN M 3271-1;  
CES 20076; DEUTZ DQC IV-18 LA;  
CAT ECF-1A

### PRODUCT DEFINITION

A high performance, synthetic, heavy duty diesel engine oil formulated specifically to provide outstanding protection against wear and clean engines. Compatible with exhaust emission systems (DPF, EGR, SCR) and features Low-SAPS technology. Suitable for use in Euro IV, Euro V and Euro VI vehicles.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



Prolongs the need for preventative maintenance services, allowing savings in maintenance costs.



Outstanding engine cleaning and superior protection.



## LUBEX ROBUS MASTER LA 10W-30

FULL SYNTHETIC

### PERFORMANCE

API CI-4; ACEA E9, E7, E6

### APPROVALS AND SPECIFICATIONS

**MACK EO-N;**  
**MB-APPROVAL 228.51;**  
**RENAULT RLD-2; VOLVO VDS-3;**  
MAN M 3477, MAN M 3271-1;  
CES 20076; DEUTZ DQC IV-18 LA;  
MTU TYPE 3.1; CAT ECF-1A

### PRODUCT DEFINITION

A high performance, fully synthetic, heavy duty diesel engine oil compatible with exhaust emission systems (DPF, EGR, SCR) due to its specially developed formula and Low-SAPS technology to allow a good fuel economy.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



Advanced low friction technology to increase fuel economy.



Protects the engine against wear during the first start up, even at low temperatures.



## LUBEX ROBUS MASTER 5W-30

FULL SYNTHETIC

### PERFORMANCE

API CI-4; ACEA E7, E4

### APPROVALS AND SPECIFICATIONS

MB 228.5; CES 20078-77;  
DEUTZ DQC III-10; MTU TYPE 3;  
MACK EO-N, EO-M PLUS;  
MAN M 3277; RENAULT RXD, RLD-2;  
VOLVO VDS-3

### PRODUCT DEFINITION

An outstanding, completely synthetic, heavy duty diesel engine oil that offers improved fuel economy due to its low viscosity and therefore savings in maintenance costs.



Fuel economy due to its low viscosity properties and improved viscosity stability.



Savings in maintenance costs by prolonging the need for preventative maintenance services.



Protects the engine against wear during first start up even at the lowest temperatures, due to improved viscosity stability.



## LUBEX ROBUS MASTER SCN 10W-40

FULL SYNTHETIC

### PERFORMANCE

API CI-4; ACEA E7, E4

### APPROVALS AND SPECIFICATIONS

CES 20078-77; DAF EXTENDED DRAIN;  
DEUTZ DQC III-10;  
GLOBAL (JAMA) DHD-1;  
JASO DH-1; MTU TYPE 3; MACK EO-N;  
MAN M 3277; MB-228.5;  
RENAULT RXD, RLD-2;  
SCANIA LDF-3; VOLVO VDS-3

### PRODUCT DEFINITION

A high performance, completely synthetic, heavy duty diesel engine oil that provides outstanding protection against wear and deposit formation and improves fuel economy. Especially suitable for use in Scania Euro VI vehicles.



Lower fuel consumption due to improved viscosity stability and low viscosity properties.



Savings in maintenance costs by prolonging the need for preventative maintenance services.



Superior cleaning performance provides engine protection against sludge and soot formation.



Superior protection against wear and corrosion.



## LUBEX ROBUS MASTER 10W-40

SYNTHETIC

### PERFORMANCE

API CI-4; ACEA E7, E4

### APPROVALS AND SPECIFICATIONS

**MACK EO-N; MAN M 3277;**  
**MB-APPROVAL 228.5;**  
**RENAULT RXD, RLD-2;**  
**VOLVO VDS-3;** CES 20078-77;  
DEUTZ DQC III-10; JASO DH-1;  
GLOBAL (JAMA) DHD-1; MTU TYPE 3

### PRODUCT DEFINITION

A high performance, synthetic, heavy duty diesel engine oil suitable for extreme temperatures and driving conditions, thanks to its specially developed formulation. It provides outstanding protection against engine wear, by reducing due to sludge and soot formation.



Lower fuel consumption due to improved viscosity stability and low viscosity properties.



Savings in maintenance costs by prolonging the need for preventative maintenance services.



Superior cleaning performance provides engine protection against sludge and soot formation.



Superior protection against wear and corrosion.



## LUBEX ROBUS PRO LA 10W-30

SYNTHETIC

### PERFORMANCE

API CK-4, CJ-4; ACEA E9

### APPROVALS AND SPECIFICATIONS

**MACK EOS 4.5; RENAULT RLD-3;**  
**VOLVO VDS-4.5;** CAT ECF-3;  
CES 20086; DETROIT DDC 93K222;  
DEUTZ DQC III-18 LA;  
FORD WSS-M2C171-F1;  
MTU TYPE 2.1; MAN M 3775;  
MB 228.31

### PRODUCT DEFINITION

A high performance, synthetic engine oil produced with specially chosen synthetic base oils and additive technology, suitable for use in fleets with wide vehicle parks, with major OEM approvals and specifications. Euro VI, Euro V, Euro IV, Euro III, Euro II and Euro I vehicles.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



Superior cleaning performance provides engine protection against sludge and soot formation.



Lower fuel consumption due to low viscosity feature and improved viscosity stability.



Superior protection against wear and corrosion.



## LUBEX ROBUS PRO LA 10W-40

SYNTHETIC

### PERFORMANCE

API CK-4, CJ-4/SN; ACEA E9

### APPROVALS AND SPECIFICATIONS

**DEUTZ DQC III-18 LA;**  
CAT ECF-3; CES 20086;  
DETROIT DDC 93K222;  
FORD WSS-M2C171-F1; MTU TYPE 2.1;  
MAN M 3775; MB 228.31;  
MACK EOS 4.5; RENAULT RLD-3;  
VOLVO VDS-4.5

### PRODUCT DEFINITION

A high performance, synthetic engine oil produced with specially chosen synthetic base oils and additive technology, suitable for use in fleets with wide vehicle parks, with major OEM approvals and specifications. Euro VI, Euro V, Euro IV, Euro III, Euro II and Euro I vehicles.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



Superior protection against wear and corrosion.



Superior cleaning performance provides engine protection against sludge and soot formation.



## LUBEX ROBUS PRO LA 15W-40

MINERAL

### PERFORMANCE

API CK-4, CJ-4, CI-4 PLUS/SN; ACEA E9

### APPROVALS AND SPECIFICATIONS

**DEUTZ DQC III-18 LA;**  
**MACK EOS 4.5;**  
**RENAULT RLD-3; VOLVO VDS-4.5;**  
CAT ECF-3; CUMMINS CES 20086;  
DETROIT DDC 93K222;  
FORD WSS-M2C171-F1; MTU TYPE 2.1;  
MAN M 3775; MB 228.31

### PRODUCT DEFINITION

It is a high performance heavy vehicle engine oil, produced with specially selected high quality base oils and additive technology, suitable for use in fleets with large vehicle parks, with certain OEM approvals and specifications. It is suitable for use in vehicles conforming to Euro VI, Euro V, Euro IV, and older emission systems.



Enables a long life for exhaust emission systems (DPF, EGR, SCR) due to its low ash, phosphorus and sulphur structure (Low-SAPS).



Superior protection against wear and corrosion.



Superior cleaning performance provides engine protection against sludge and soot formation.



## LUBEX ROBUS PRO 10W-40

SYNTHETIC

### PERFORMANCE

API CI-4, CH-4, SL; ACEA E7, A3/B4

### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 228.3;**  
**RENAULT RLD-2; VOLVO VDS-3;**  
**MACK EO-N, EO-M PLUS;**  
CAT ECF-1A, ECF-2; CES 20077-78;  
DETROIT DDC 93K215;  
DEUTZ DQC III-10;  
GLOBAL(JAMA) DHD-1; MTU TYPE 2;  
MAN M 3275-1

### PRODUCT DEFINITION

A multi-purpose, high performance, synthetic, heavy duty oil that can be used in turbocharged trucks, buses, lorries, heavy machinery and generators, thanks to its improved formula.



An oil film able to resist extreme conditions in a range of working temperatures and driving conditions.



Outstanding protection against wear and corrosion.



Superior cleaning performance provides engine protection against sludge and soot formation.



## LUBEX ROBUS PRO 15W-40

MINERAL

### PERFORMANCE

API CI-4, CH-4, SL; ACEA E7, A3/B4

### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 228.3;**  
**MTU TYPE 2; RENAULT RLD-2;**  
**VOLVO VDS-3; MACK EO-N, EO-M PLUS;**  
CAT ECF-1A, ECF-2;  
CES 20077-78; DETROIT DDC 93K215;  
DEUTZ DQC III-10;  
GLOBAL(JAMA) DHD-1;  
MAN M 3275-1

### PRODUCT DEFINITION

It is multi-purpose, high performance heavy duty diesel engine oil that can be used in turbo charged truck, bus, truck, construction machine and generator applications with its advanced formulation.



An oil film able to resist extreme conditions in a range of working temperatures and driving conditions.



Outstanding protection against wear and corrosion.



Superior cleaning performance provides engine protection against sludge and soot formation.





### LUBEX ROBUS PRO EC 15W-40

MINERAL

#### PERFORMANCE

API CI-4, CH-4, SL; ACEA E7

#### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 228.3; RENAULT RLD-2; VOLVO VDS-3; MACK EO-N, EO-M PLUS; CAT ECF-1A; CES 20077; DEUTZ DQC II; MTU TYPE 2; MAN M 3275-1**

#### PRODUCT DEFINITION

A multi-purpose, heavy duty, diesel engine oil that can be used in trucks, buses, lorries, heavy machinery, agricultural machinery and generators, thanks to its high performance and resistance.



An oil film able to resist extreme conditions in a range of working temperatures and driving conditions.



Superior cleaning performance provides engine protection against sludge and soot formation.



Outstanding protection against wear and corrosion.



### LUBEX ROBUS TURBO 15W-40

MINERAL

#### PERFORMANCE

API CF-4, CF; ACEA E2, A2/B2

#### APPROVALS AND SPECIFICATIONS

MAN M 271; MB 228.1

#### PRODUCT DEFINITION

A heavy duty, diesel engine oil formulated with quality mineral base oils and a special additives technology that has a wide range of use in old model trucks, buses, lorries, heavy machinery, agricultural machinery and generators.



Thorough protection against corrosion and wear to the engine.



Advanced cleaning performance allows outstanding protection to essential engine parts.



Special additives to prevent deposit and sludge accumulation in the engine.



### LUBEX ROBUS TURBO 20W-50

MINERAL

#### PERFORMANCE

API CF-4, CF; ACEA E2, A2/B2

#### APPROVALS AND SPECIFICATIONS

MAN M 271; MB 228.1

#### PRODUCT DEFINITION

A heavy duty, diesel engine oil formulated with quality mineral base oils and a special additives technology that has a wide range of use in old model trucks, buses, lorries, heavy machinery, agricultural machinery and generators.



Thorough protection against corrosion and wear to the engine.



Advanced cleaning performance allows outstanding protection to essential engine parts.



Special additives to prevent deposit and sludge accumulation in the engine.



### LUBEX ROBUS KM 20W-50

MINERAL

#### PERFORMANCE

API SC, CC

#### APPROVALS AND SPECIFICATIONS

MIL L-2104 B

#### PRODUCT DEFINITION

A heavy duty, diesel engine oil formulated with quality mineral base oils and a special additives technology that has a wide range of use in old model trucks, buses, lorries, heavy machinery, agricultural machinery and generators.



Thorough protection against corrosion and wear to the engine.



Advanced cleaning performance allows outstanding protection to essential engine parts.



Special additives to prevent deposit and sludge accumulation in the engine.



### LUBEX MONO M4 30, 40

MINERAL

#### PERFORMANCE

API SL/SJ; API CF/ CF-4/CG-4

#### APPROVALS AND SPECIFICATIONS

MAN M 3275; MB 228.3, 229.1; MTU TYPE 2; VOLVO VDS

#### PRODUCT DEFINITION

A single-grade engine oil formulated with quality mineral base oils and additives technology that is suitable for diesel engine used in light and medium working conditions.



Thorough protection against corrosion and wear to the engine.



Prevention of deposit and sludge accumulation in the engine.



An efficient oil film resistant in light and medium conditions.



### LUBEX MONO M3 30 (20 TBN) LUBEX MONO M3 10,30,40,50

MINERAL

#### PERFORMANCE

API CF-4, CF

#### APPROVALS AND SPECIFICATIONS

MIL L-2104 E

#### PRODUCT DEFINITION

A single-grade engine oil formulated with quality mineral base oils and additives technology that is suitable for diesel engine used in light and medium working conditions.



Thorough protection against corrosion and wear to the engine.



Prevention of deposit and sludge accumulation in the engine.



An efficient oil film resistant in light and medium conditions.



### LUBEX MONO M2 10,30,40,50

MINERAL

#### PERFORMANCE

API SE/CF, CD

#### APPROVALS AND SPECIFICATIONS

MIL L-2104 D

#### PRODUCT DEFINITION

A single-grade engine oil formulated with quality mineral base oils and additives technology that is suitable for diesel engine used in light and medium working conditions.



Thorough protection against corrosion and wear to the engine.



Prevention of deposit and sludge accumulation in the engine.



An efficient oil film resistant in light and medium conditions.



### LUBEX MONO M1 30,40,50,60

MINERAL

#### PERFORMANCE

API SC/CC

#### APPROVALS AND SPECIFICATIONS

MIL L-2104 B

#### PRODUCT DEFINITION

A single-grade engine oil formulated with quality mineral base oils and additives technology that is suitable for diesel engine used in light and medium working conditions.



Thorough protection against corrosion and wear to the engine.

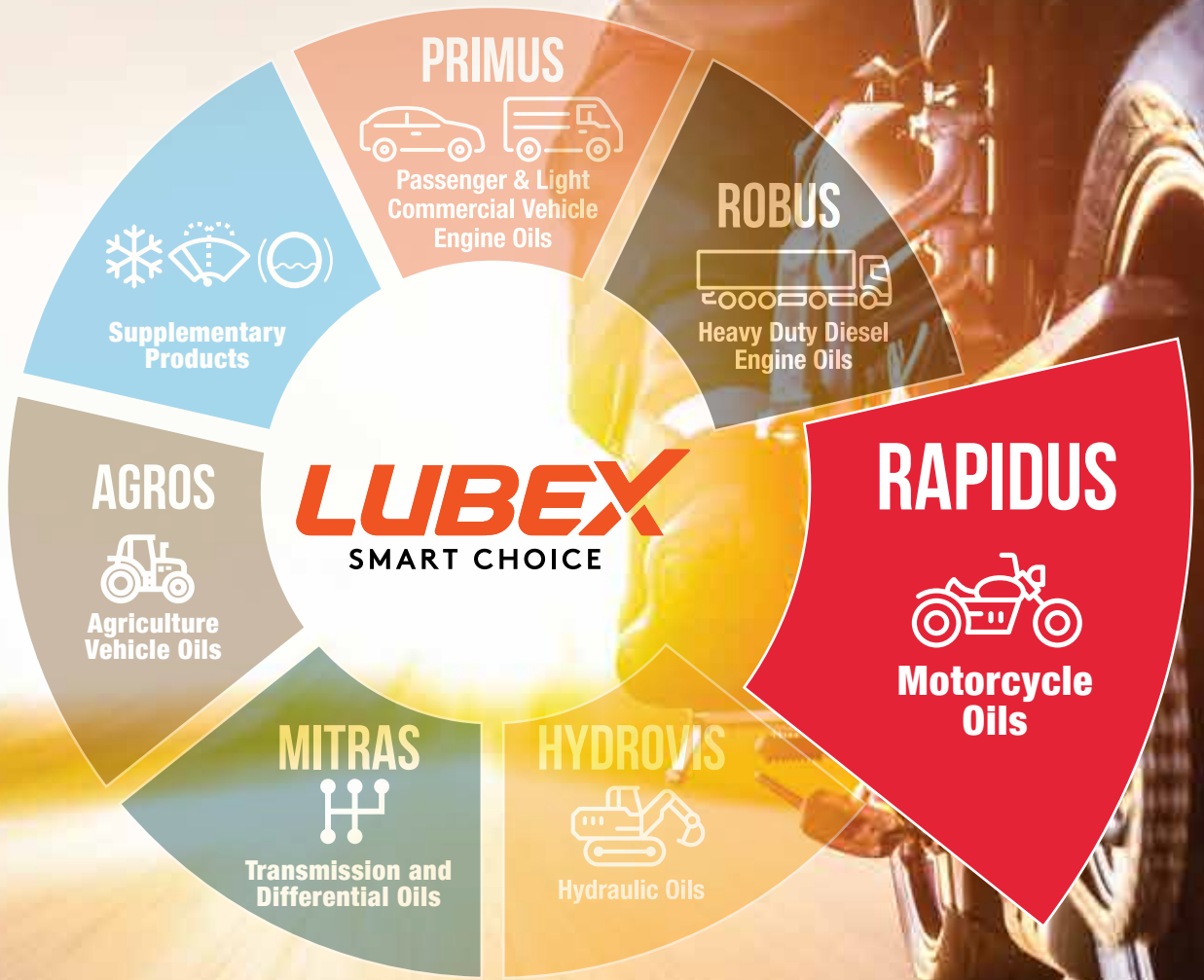


Prevention of deposit and sludge accumulation in the engine.



An efficient oil film resistant in light and medium conditions.





### LUBEX RAPIDUS FS 15W-50

FULL SYNTHETIC

#### PERFORMANCE

API SN/CF; JASO MA2

#### PRODUCT DEFINITION

High-tech full synthetic motorcycle oil, formulated to provide full responsiveness from the engine and superior protection for all 4-stroke modern motorcycles.



Minimum vibration and noise due to excellent viscosity stability.



Enhanced responsiveness and efficient power delivery in the engine by excellent lubrication performance, especially at high operating temperatures.



Smoother clutch coupling and gear change due to low friction and oxidation performance.



### LUBEX RAPIDUS FS 10W-40

FULL SYNTHETIC

#### PERFORMANCE

API SN/CF; JASO MA2

#### PRODUCT DEFINITION

High-tech full synthetic motorcycle oil, formulated to provide full responsiveness from the engine and superior protection for all 4-stroke modern motorcycles.



Minimum vibration and noise due to excellent viscosity stability.



Enhanced responsiveness and efficient power delivery in the engine by excellent lubrication performance, especially at high operating temperatures.



Smoother clutch coupling and gear change due to low friction and oxidation performance.



### LUBEX RAPIDUS S 10W-40

SYNTHETIC

#### PERFORMANCE

API SL/CF; JASO MA

#### PRODUCT DEFINITION

High performance synthetic technology motorcycle oil which improves riding comfort by providing cleanliness and superior protection in the engine in difficult riding conditions. Suitable for all 4-stroke standard and medium-sized performance motorcycles.



Superior protection against rust and wear in the engine.



Reduced engine noise and vibration with excellent cleansing power against sludge and soot formation.



Special additives to prevent ash and sludge accumulation in the engine.



### LUBEX RAPIDUS 4T SCOOTER 10W-40

SYNTHETIC

#### PERFORMANCE

API SL/CF; JASO MA

#### PRODUCT DEFINITION

It is a high performance synthetic technology motorcycle oil developed especially for scooter engines, increasing the driving comfort by providing superior protection and cleaning performance under severe driving conditions.



Superior protection against rust and wear in the engine.



Reduced engine noise and vibration with excellent cleansing power against sludge and soot formation.



Special additives to prevent ash and sludge accumulation in the engine.



### LUBEX RAPIDUS 15W-40

MINERAL

#### PERFORMANCE

API SL/CF; JASO MA

#### PRODUCT DEFINITION

Reliable performance engine oil, formulated with high quality base oils and superior additive technology that helps to prolong the engine life by superior protection and cleaning feature. Suitable for all 4-stroke standard and scooter motorcycles.



Superior protection against rust and wear in the engine.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures.



Low oil consumption due to viscosity control.



### LUBEX RAPIDUS 15W-50

MINERAL

#### PERFORMANCE

API SL/CF; JASO MA

#### PRODUCT DEFINITION

Reliable performance engine oil, formulated with high quality base oils and superior additive technology that helps to prolong the engine life by superior protection and cleaning feature. Suitable for all 4-stroke standard and scooter motorcycles.



Superior protection against rust and wear in the engine.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures.



Low oil consumption due to viscosity control.



### LUBEX RAPIDUS 20W-40

MINERAL

#### PERFORMANCE

API SL/CF; JASO MA

#### PRODUCT DEFINITION

Reliable performance engine oil, formulated with high quality base oils and superior additive technology that helps to prolong the engine life by superior protection and cleaning feature. Suitable for all 4-stroke standard and scooter motorcycles.



Superior protection against rust and wear in the engine.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures.



Low oil consumption due to viscosity control.



### LUBEX RAPIDUS 20W-50

MINERAL

#### PERFORMANCE

API SL/CF; JASO MA

#### PRODUCT DEFINITION

Reliable performance engine oil, formulated with high quality base oils and superior additive technology that helps to prolong the engine life by superior protection and cleaning feature. Suitable for all 4-stroke standard and scooter motorcycles.



Superior protection against rust and wear in the engine.



A long lasting oil film providing outstanding performance in all traffic conditions and temperatures.



Low oil consumption due to viscosity control.



### LUBEX RAPIDUS 2T

MINERAL

#### PERFORMANCE

API TC; JASO FC; ISO EGC&EGD; TISI 1040

#### PRODUCT DEFINITION

A self-mixing 2-stroke high quality motorcycle engine oil.



Thorough protection against rust and wear in the engine.

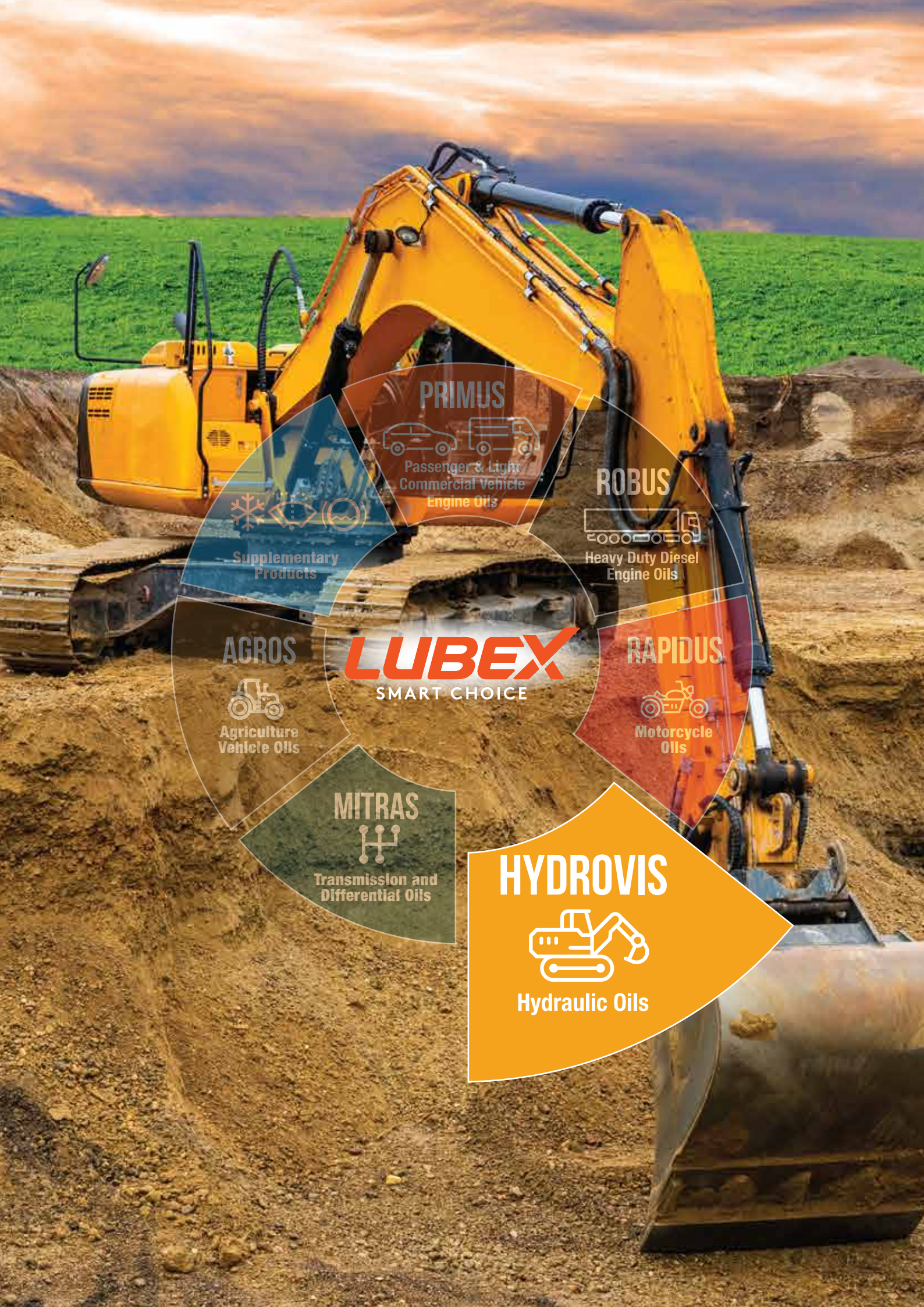


Less smoke.



Thorough protection against soot formation in the engine.





### PRIMUS



Passenger & Light  
Commercial Vehicle  
Engine Oils



Supplementary  
Products

### ROBUS



Heavy Duty Diesel  
Engine Oils

### AGROS



Agriculture  
Vehicle Oils

# LUBEX

SMART CHOICE

### RAPIDUS



Motorcycle  
Oils

### MITRAS



Transmission and  
Differential Oils

### HYDROVIS



Hydraulic Oils

### LUBEX HYDROVIS 32

#### APPROVALS AND SPECIFICATIONS

DIN 51524 PART II; ISO 11158 HM;  
PARKER (DENISON) HF-0, HF-1, HF-2;  
CINCINNATI MACHINE P-68, P-69, P-70;  
EATON (VICKERS) I-286-S,  
EATON (VICKERS) M-2950-S;  
AFNOR NF E 48-603; JCMAS P041;  
CETOP RP 91 H; BOSCH REXROTH 90220

#### PRODUCT DEFINITION

LUBEX HLP Series are economic, HLP type hydraulic system, gearbox and lubricating oils which have been produced by blending high quality mineral oils with exclusive additives.

- They are long-term oils which are resistant to oxidation due to the antioxidant additives they contain.
- High water separability characteristics in wet working conditions.
- Extends oil and filter change intervals and provides long-term oil and equipment life.



### LUBEX HYDROVIS 37

#### APPROVALS AND SPECIFICATIONS

DIN 51524 PART II; ISO 11158 HM;  
PARKER (DENISON) HF-0, HF-1, HF-2;  
CINCINNATI MACHINE P-68, P-69, P-70;  
EATON (VICKERS) I-286-S,  
EATON (VICKERS) M-2950-S;  
AFNOR NF E 48-603; JCMAS P041;  
CETOP RP 91 H; BOSCH REXROTH 90220

#### PRODUCT DEFINITION

LUBEX HLP Series are economic, HLP type hydraulic system, gearbox and lubricating oils which have been produced by blending high quality mineral oils with exclusive additives.

- They are long-term oils which are resistant to oxidation due to the antioxidant additives they contain.
- High water separability characteristics in wet working conditions.
- Extends oil and filter change intervals and provides long-term oil and equipment life.



### LUBEX HYDROVIS 46

#### APPROVALS AND SPECIFICATIONS

DIN 51524 PART II; ISO 11158 HM;  
PARKER (DENISON) HF-0, HF-1, HF-2;  
CINCINNATI MACHINE P-68, P-69, P-70;  
EATON (VICKERS) I-286-S,  
EATON (VICKERS) M-2950-S;  
AFNOR NF E 48-603; JCMAS P041;  
CETOP RP 91 H; BOSCH REXROTH 90220

#### PRODUCT DEFINITION

LUBEX HLP Series are economic, HLP type hydraulic system, gearbox and lubricating oils which have been produced by blending high quality mineral oils with exclusive additives.

- They are long-term oils which are resistant to oxidation due to the antioxidant additives they contain.
- High water separability characteristics in wet working conditions.
- Extends oil and filter change intervals and provides long-term oil and equipment life.



### LUBEX HYDROVIS 68

#### APPROVALS AND SPECIFICATIONS

DIN 51524 PART II; ISO 11158 HM;  
PARKER (DENISON) HF-0, HF-1, HF-2;  
CINCINNATI MACHINE P-68, P-69, P-70;  
EATON (VICKERS) I-286-S,  
EATON (VICKERS) M-2950-S;  
AFNOR NF E 48-603; JCMAS P041;  
CETOP RP 91 H; BOSCH REXROTH 90220

#### PRODUCT DEFINITION

LUBEX HLP Series are economic, HLP type hydraulic system, gearbox and lubricating oils which have been produced by blending high quality mineral oils with exclusive additives.

- They are long-term oils which are resistant to oxidation due to the antioxidant additives they contain.
- High water separability characteristics in wet working conditions.
- Extends oil and filter change intervals and provides long-term oil and equipment life.



### LUBEX HYDROVIS SUPER SERIES (32, 46, 68)

#### APPROVALS AND SPECIFICATIONS

DIN 51524 PART III; ISO 11158 HV;  
PARKER (DENISON) HF-0, HF-1, HF-2;  
EATON (VICKERS) I-286-S;  
EATON (VICKERS) M-2950-S;  
CINCINNATI MACHINE P-68, P-69, P-70;  
JCMAS P041; CETOP RP 91 H

#### PRODUCT DEFINITION

They are hydraulic oils which are produced by blending highly refined base oils with viscosity index improver additives and latest technology additives.

- Provides long-term oil and equipment performance under difficult working conditions.
- They display superior lubrication performance at low temperatures with their low pour point and high viscosity index values.
- Do not cause oil pressure drop, minimize the oil leakage.



A close-up photograph of a hand holding a piece of yellow grease. The grease is thick and sticky, with some strands hanging from the piece. In the background, a blue shirt is visible. To the right, a ball bearing is partially visible, showing its internal structure and the grease coating it. The lighting is dramatic, with strong highlights and deep shadows.

***GRESO***  
***PREMIUM GREASES***



## GRESON KSX MP 2

### PRODUCT DEFINITION

It is a new generation calcium sulfonate complex-based grease developed for multi-purpose use in automotive and industrial applications with high quality base oils and calcium sulfonate thickener technology. It is resistant to extreme load, water and high temperature and shows excellent performance in harsh operational conditions.

### COLOR

Brown

- Owing to its advanced technology calcium sulfonate complex structure, it provides high resistance to water and corrosion.
- Specially selected base oil and thickener technology provide very good pumpability performance at low operating temperatures, providing uninterrupted lubrication.
- It extends the life of the system by protecting the system against wear with its excellent load resistance feature even in demanding applications with extreme pressure and shock loads.



## GRESON LK 246

### PRODUCT DEFINITION

GRESON LK-246 is long-life, high performance lithium complex soap based grease blended with mineral base oils and extreme pressure additives, resistant to wear, corrosion and water wash-out.

### COLOR

Blue

- Protects bearings against corrosion and extends bearing life.
- Provides long-term and efficient lubrication performance due to high water resistance.
- Provides long-life protection for equipments due to their high thermal stability and wear preventive properties.



## GRESON LK GREASES

### PRODUCT DEFINITION

GRESON LK GREASES are long-life, multi purpose, high performance lithium complex soap based greases blended with mineral base oils and extreme pressure additives, resistant to wear, corrosion and water wash-out.

### COLOR

Brown

- Protects bearings against corrosion and extends bearing life.
- Provides long-term and efficient lubrication performance due to high water resistance.
- Provides long-life protection for equipments due to their high thermal stability and wear preventive properties.



## GRESON LKM GREASES

### PRODUCT DEFINITION

GRESON LKM GREASES are lithium complex soap based, black colored, high performance long-life greases containing molybdenum disulfide and extreme pressure additives, resistant to wear, corrosion and water wash-out.

### COLOR

Gray-Black

- They provide a good equipment protection and lubrication due to their superior protective properties against corrosion and oxidation.
- They provide long-life protection for vehicles due to their high thermal stability and wear preventive properties.
- They are cost effective in Grease consumption due to their excellent lubrication properties.



## GRESON LC EP GREASES

### PRODUCT DEFINITION

GRESON LC EP GREASES are general purpose greases produced by using special lithium/calcium soap thickener, high viscosity index base oils and superior additive technology.

### COLOR

Yellow

- It displays high performance under high load and severe working conditions with EP (Extreme Pressure) additives.
- Its anti-wear protection feature enables to extend the equipment life and reduce maintenance costs.
- Superior water resistance provides a decrease of grease consumption by extending the lubrication intervals in applications where high amount of water and humidity exist.



## GRESON LIT M 2

### PRODUCT DEFINITION

GRESON LIT M 2 is lithium soap based, gray-black colored multipurpose grease. It provides excellent protection against water, oxidation, rust and corrosion. The lubricity and film forming effect is improved with solid lubricants like molybdenum disulfide and additionally EP additives.

### COLOR

Gray-Black

- Provides long-life protection for vehicles due to its high thermal stability and wear preventive property.
- It is cost effective in grease consumption due to its excellent lubrication property.
- Provides a good equipment protection and lubrication due to its superior protective property against corrosion and oxidation.



## GRESON LIT EP GREASES

### PRODUCT DEFINITION

GRESON LIT-EP GREASES are long-life, multi purpose, lithium soap based greases blended with mineral oils and extreme pressure additives, resistant to wear, corrosion and water wash-out.

### COLOR

Yellow

- Provides long-life protection for equipments due to their high thermal stability and wear preventive properties.
- Displays superior performance against wear under heavy and shock loads.
- Provides long-term and efficient lubrication performance due to high water resistance.



## GRESON LIT GREASES

### PRODUCT DEFINITION

GRESON LIT GREASES are long-life, multi purpose, lithium soap based greases which are resistant to wash-out, oxidation and corrosion.

### COLOR

Yellow

- Provides long-life protection for equipments due to their high thermal stability and wear preventive properties.
- Provides long-term and efficient lubrication performance due to high water resistance.
- They contain anti-corrosion additives to protect the bearings against corrosion.



## GRESON CP

### PRODUCT DEFINITION

GRESON CP is lithium-based, green colored grease, developed especially for cotton picker machines.

### COLOR

Green

- Provides long-life protection for equipments due to their high thermal stability and wear preventive properties.
- Due to its additives contained, minimizes the wear.
- Provide a good equipment protection and lubrication due to their superior protective properties against corrosion.



## GRESON KG 3 (RUBBER GREASE)

### PRODUCT DEFINITION

They are water resistant calcium soap greases which are formulated with high quality base oils and special additives. They are suitable for the medium loads.

### COLOR

Green

- Provides high performance and efficient usage in medium and light duty bearings.
- Provides efficient lubrication performance due to high water resistance.
- Reduces grease consumption due to its high adhesion property.



## CUP GREASES

### PRODUCT DEFINITION

They are water resistant calcium soap greases which are formulated with high quality base oils and special additives. They are suitable for the medium loads.

### COLOR

Dark Red

- Reduces grease consumption due to its high adhesion property.
- Provides efficient lubrication performance due to high water resistance.
- Provides high performance and efficient usage in medium and light duty bearings.





### PRIMUS



Passenger & Light  
Commercial Vehicle  
Engine Oils

### ROBUS



Heavy Duty Diesel  
Engine Oils



Supplementary  
Products

### AGROS



Agriculture  
Vehicle Oils

# LUBEX

SMART CHOICE

### RAPIDUS



Motorcycle  
Oils

### HYDROVIS



Hydraulic Oils

### MITRAS



Transmission and  
Differential Oils

## LUBEX MITRAS AX SYN ULTRA 75W-90

### PERFORMANCE

API GL-5, GL-4

### APPROVALS AND SPECIFICATIONS

MAN 341 TYPE Z2, 342 TYPE S1;  
 MB-APPROVAL 235.8;  
 ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B,  
 19C, 21A;  
 DAF; MIL-PRF-2105E; SCANIA STO1:0;  
 VOLVO 97312

### PRODUCT DEFINITION

Heavy duty manual transmission, axle and hypoid gear oil which is designed with high quality base oils and selected anti-oxidant, anti-corrosion, anti-wear and EP additives.



Increase the equipment performance by minimizing wear, thus improve productivity.



Minimize waste oil disposal costs by extending oil drain intervals.



Contain special additives to prevent deposit formation, thus extend the gear and bearing life.



## LUBEX MITRAS AX SYN 75W-140

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

It is high performance synthetic gear oil which is blended by high technology synthetic base oils and additives which provide high pressure resistance, prevent oxidation of oil and protect the material against rust and prevent wear.



Increase the equipment performance by minimizing wear, thus improve productivity.



Minimize waste oil disposal costs by extending oil drain intervals.



Contain special additives to prevent deposit formation, thus extend the gear and bearing life.



## LUBEX MITRAS AX HYP 85W-140

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

MITRAS AX HYP Series are heavy duty differential and hypoid gear oils which are developed with high quality paraffinic base oils and advanced anti-oxidant, anticorrosion, anti-wear and EP additives.



Protect gears against rust and corrosion.



Long oil life with high oxidation resistance.



Compatible with seals and gaskets.



## LUBEX MITRAS AX HYP 80W-90

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

MITRAS AX HYP Series are heavy duty differential and hypoid gear oils which are developed with high quality paraffinic base oils and advanced anti-oxidant, anticorrosion, anti-wear and EP additives.



Protect gears against rust and corrosion.



Long oil life with high oxidation resistance.



Compatible with seals and gaskets.



## LUBEX MITRAS AX HYP 75W-90

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

MITRAS AX HYP Series are semi-synthetic heavy duty manual transmission, differential and hypoid gear oils which are designed with the combination of high quality synthetic and mineral base oils and anti-oxidant, anti-corrosion, anti-wear and EP additives.



Provides superior protection against corrosion.



Compatible with seals and gaskets.



Long-lasting products due to their thermal and oxidation stability.



## LUBEX MITRAS AX HYP 75W-80

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

MITRAS AX HYP Series are semi-synthetic heavy duty manual transmission, differential and hypoid gear oils which are designed with the combination of high quality synthetic and mineral base oils and anti-oxidant, anti-corrosion, anti-wear and EP additives.



Provides superior protection against corrosion.



Compatible with seals and gaskets.



Long-lasting products due to their thermal and oxidation stability.



## LUBEX MITRAS AX EP MD 80W-90

### PERFORMANCE

API GL-5 / MT-1

### APPROVALS AND SPECIFICATIONS

**MB APPROVAL 235.20;**  
**ZF TL ML 05A, 12L, 12M, 16B, 17B, 19B, 21A,**  
 ZF TL ML 04G, 12E, 16C;  
 MAN 341 GA1, MAN 342 M3;  
 SCANIA STO 1:0

### PRODUCT DEFINITION

It is a differential gear oil blended by mixing high quality base oils and advanced technology additives which is developed to be used in hypoid gears working under high pressures and heavy-duty conditions.



Protect gears against rust and corrosion.



Long oil life with high oxidation resistance.



Compatible with seals and gaskets.



## LUBEX MITRAS AX EP 80W-90

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

**MB APPROVAL 235.0;**  
 MIL-L-2105D; MAN 342 N

### PRODUCT DEFINITION

MITRAS AX EP Series are gearbox oils which have been developed with paraffinic base oils and selected anti-oxidants, anti-corrosion, anti-wear and EP additives.



Protect gears against rust and corrosion.



Long oil life with high oxidation resistance.



Compatible with seals and gaskets.



## LUBEX MITRAS AX LS 85W-140

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

MITRAS AX LS Series are heavy duty differential oils which are produced with the combination of paraffinic base oils and anti-oxidant, anti-corrosion, anti-wear and EP additives.



Provides superior protection against corrosion.



They meet the requirement of friction coefficient, which is an important feature in limited slip differentials.



Minimize waste oil disposal costs by extending oil drain intervals.



## LUBEX MITRAS AX LS 85W-90

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D; ZF TE-ML 05C, 12C, 21C

### PRODUCT DEFINITION

MITRAS AX LS Series are heavy duty differential oils which are produced with the combination of paraffinic base oils and anti-oxidant, anti-corrosion, anti-wear and EP additives.



Provides superior protection against corrosion.



They meet the requirement of friction coefficient, which is an important feature in limited slip differentials.



Minimize waste oil disposal costs by extending oil drain intervals.



## LUBEX MITRAS AX LS 80W-90

### PERFORMANCE

API GL-5

### APPROVALS AND SPECIFICATIONS

MIL-L-2105D

### PRODUCT DEFINITION

MITRAS AX LS Series are heavy duty differential oils which are produced with the combination of paraffinic base oils and anti-oxidant, anti-corrosion, anti-wear and EP additives.



Provides superior protection against wear with advanced base oil and additive technology.



They meet the requirement of friction coefficient, which is an important feature in limited slip differentials.



Long oil life with high oxidation resistance.



## LUBEX MITRAS MT EP SYN 75W-80

### PERFORMANCE

API GL-4

### APPROVALS AND SPECIFICATIONS

ZF TE-ML 01L, 02L, 16K;  
MAN 341 Z4, MAN 341 E3;  
DAF; IVECO; RENAULT;  
VOLVO 97307

### PRODUCT DEFINITION

It is synthetic manual transmission oil that provides improved fuel economy by using synthetic technology base oils and additives providing high pressure resistance, preventing oxidation, protecting against corrosion and preventing wear.



Compatible with seals and gaskets.



Protect gears against rust and corrosion.



Long-lasting products due to their oxidation and thermal stability.



## LUBEX MITRAS MT MP 80

### PERFORMANCE

API GL-4

### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 235.1;**  
MAN 341 TYPE E1, MAN 341 TYPE Z1;  
ZF TE-ML-02B, ZF TE-ML-17A

### PRODUCT DEFINITION

MITRAS MT MP 80 is manual transmission, differential and hypoid gear oil which is developed with high quality paraffinic base oils and advanced anti-oxidant, anticorrosion, anti-wear and EP additives.



Compatible with seals and gaskets.



Protect gears against rust and corrosion.



Long-lasting products due to their oxidation and thermal stability.



## LUBEX MITRAS MT EP SERIES (80, 90, 140, 80W-90)

### PERFORMANCE

API GL-4

### PRODUCT DEFINITION

MITRAS MT EP Series are manual transmission oils which are developed with high quality paraffinic base oils and advanced anti-oxidant, anti-corrosion, anti-wear and EP additives.



Compatible with seals and gaskets.



Protect gears against rust and corrosion.



Long-lasting products due to their oxidation and thermal stability.



## LUBEX MITRAS TO SERIES (10, 30, 50)

### APPROVALS AND SPECIFICATIONS

CATERPILLAR TO-4; GM ALLISON C-4;  
KOMATSU MICRO-CLUTCH,  
KOMATSU KES 07.868.1;  
ZF TE-ML 01, 03

### PRODUCT DEFINITION

MITRAS TO Series are high performance transmission oils which are developed with high quality paraffinic base oils and advanced anti-oxidant, anti-corrosion, anti-wear and EP additives. They meet Caterpillar TO-4 specification.



Contain special additives to prevent deposit formation and resist against foaming.



Ensures reliable performance under heavy operating conditions such as construction.



Minimize waste oil disposal costs by extending oil drain intervals due to its long life.



## LUBEX MITRAS MT SERIES (80, 90, 140)

### PERFORMANCE

API GL-1

### PRODUCT DEFINITION

MITRAS MT Series are gear oils which are produced with paraffinic base oils, can be used in moderate loaded gearboxes and differentials of automotive and industrial equipments.



Compatible with seals and gaskets.



Protect gears against rust and corrosion.



Long oil life with high oxidation resistance.



## LUBEX MITRAS ATF VI

### APPROVALS AND SPECIFICATIONS

ALLISON C-4; ATF LT 71141; BMW / MINI P/N 83 22 2 289 720; FORD MERCON LV / P/N XT-6-QSP / DSP [SP]; Chrysler / Dodge / Jeep +4; GM DEXRON VI, GM DEXRON IIIH / IIIG / IIE / IID / TASA; Honda DW-1 / Z-1 / ATF Type 3.0 / ATF Type 3.1; Hyundai / Kia Genuine ATF / SP-II / SP-III / SP-IV / SPH-IV / SP-IV-RR; Isuzu ATF / ATF-II / ATF-III; JASO M315 Class 1A; Mazda FW 6A EL / FW 6AX EL / FZ / JWS 3317 / M-5 / M-III / Type- IV; MB 236.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 41; Mitsubishi ATF-J2 / ATF-J3 / SP / SP-II / SP-III; Nissan Matic Fluid D / J / K / S / W; Subaru HP; Suzuki 3314 / 3317; Toyota Type T / D-II / T-III / T-IV / WS (JWS 3324); Volkswagen / Audi G 060 162 (A1, A2, A6) / G 052 162 (-A1, -A2) / G 055 540 (A2); VOLVO P/N 1161521 / 1161540 / 1161640; ZF TE-ML 11A / 11B

### PRODUCT DEFINITION

It is a high performance synthetic automatic transmission fluid which is specifically designed for use on GM and Ford vehicles in 2006 and later, where GM DEXRON®- VI and Ford MERCON® LV specifications are required. It is also suitable for use on GM vehicles in 2005 and earlier where previous generation DEXRON products were recommended and also suitable for automatic transmissions produced by Asian OEMs.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS DCT

### APPROVALS AND SPECIFICATIONS

BMW Drivelogic 7-speed (Getrag) / DCTF-1; BMW 6-speed DCT / BMW MTF LT-5; Chrysler Powershift 6-speed; Ford / Nissan Powershift 6-speed (GFT) / Ford WSS-M2C936A; Mitsubishi TC-SST 6-speed / MZ320065 / DiaQueen SSTF-1; Peugeot / Citroen DCS 6-speed; Renault EDC 6-speed / EDC-7 / Talisman R7D; Volvo powershift 6-speed; VW (Audi, Seat, Skoda) 6-speed; VW / Audi TL 52 529 / G 052 529 / DSG7 = S-Tronic 7; VW (Audi, Seat, Skoda) 7-speed; VW / Audi TL 521 82 / G 052 182

### PRODUCT DEFINITION

It is a high performance synthetic wet double clutch transmission fluid designed for use in passenger and light commercial vehicles with DCT type transmissions. It should not be mixed with other transmission fluids except for those developed for DCT type transmissions.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS CVT

### APPROVALS AND SPECIFICATIONS

BMW Mini Cooper EZL 799A; Chery CVT; Daihatsu AMMIX CVTF DFE; Dodge / Jeep / Chrysler NS-2; Dodge / Chrysler / Jeep / Mopar CVT+4; GM / Saturn DEX-CVT / GM CVT; Honda HMMF / HCF2 / CVT; Hyundai / Kia CVT-1 / SP III; Mazda JWS 3320; MG Rover EM-CVT; Mini Cooper EZL 799 / EZL 799A / ZF CVT V1; Mitsubishi CVTF-J1 / CVTF-J4 ve -J4+ / SP-III / CVTF ECO J4; Nissan KTF-1 / Nissan NS-1 / NS-2 / NS-3; Subaru iCVT / Subaru iCVT F / FG; ECVT; NS-2; Suzuki CVTF TC / CVTF 3320 / CVTF 4401 / NS-2; Suzuki CVT Green 1 / Green 2 / Green 1V; Toyota CVTF TC / CVTF FE; Volvo CVT 4959; VW / Audi TL 521 16 (G 052 516) / TL 521 80 (G 052 180 A2)

### PRODUCT DEFINITION

It is a synthetic automatic transmission fluid designed for passenger vehicles with CVT (Continuously Variable Transmission) type transmission systems which are especially produced by Japanese OEMs.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS ATF SYN ULTRA

### APPROVALS AND SPECIFICATIONS

ZF TE-ML 04D, 14C, 16M, 16S, 20C, 25C; ALLISON TES 295, ALLISON TES 389; MAN 339 TYPE V2, MAN 339 TYPE Z3, MAN 339 TYPE Z12; VOITH H55.6336.XX

### PRODUCT DEFINITION

It is a high performance fully synthetic heavy duty automatic transmission fluid produced by blending high quality synthetic base oils and special additives. It has been specially developed for use in automatic transmissions of heavy-duty, light commercial, off-road and military vehicles that require the use of oil in accordance with Allison TES 295 specification. It is also suitable for use in applications where long service intervals are required by major automatic transmission manufacturers such as Voith and ZF.



Extends equipment life by minimizing wear.



Contains special additives to prevent deposit formation and resist against foaming.



Superior performance in hot and cold climates.



## LUBEX MITRAS ATF III PLUS

### APPROVALS AND SPECIFICATIONS

MAN 339 TYPE V2, MAN 339 TYPE Z2; VOITH H55.6336.XX; ZF TE-ML 04D, 14B, 20B, 25B, 05L, 16L, 21L; ALLISON C-4; FORD MERCON V; GM DEXRON III-H; MB 236.9; VOLVO 97341

### PRODUCT DEFINITION

It is a high performance synthetic automatic transmission fluid produced by blending high quality synthetic base oils and special additives. It has been especially developed for use in automatic transmissions of passenger cars and heavy-duty vehicles, and is also suitable for use in hydraulic steering applications.



Extends equipment life by minimizing wear.



Contains special additives to prevent deposit formation and resist against foaming.



Superior performance in hot and cold climates.





## LUBEX MITRAS ATF ST DX III

### APPROVALS AND SPECIFICATIONS

ALLISON C-4 FLUIDS; ALLISON TES, 389; CATERPILLAR TO-2 FLUIDS; FORD MERCON; FORD M2C138CJ, M2C 166-H FLUIDS; GM DEXRON III-H, III-G, III-F, III-E, III-D; MAN 339 Z1 ve V1, Z2 ve V2; MB 236.1, 236.5, 236.6, 236.7; VOITH 55,6335 ve 55,6336; VOLVO 97340, 97341; ZF TE-ML 02F, 04D, 09, 11A, 14A, 17C

### PRODUCT DEFINITION

It is a semi synthetic automatic transmission fluid which is blended with superior quality synthetic and mineral base oils and special additives.



Extends equipment life by minimizing wear.



Contains special additives to prevent deposit formation and resist against foaming.



Superior performance in hot and cold climates.



## LUBEX MITRAS ATF DX II

### APPROVALS AND SPECIFICATIONS

GM DEXRON II-D, GM DEXRON II-E, GM TYPE A SUFFIX A

### PRODUCT DEFINITION

It is an automatic transmission fluid which is blended with superior quality mineral base oils and special additives.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS ATF II

### APPROVALS AND SPECIFICATIONS

GM DEXRON II-D; MB 236.1; FORD - MERCON; GM ALLISON C3 - C4; CATERPILLAR TO-2; DENISON HF-0; ZF TE-ML 02F, 03D, 17C; MAN 339 TYPE V1, MAN 339 TYPE Z1; VOITH H55.6335.3X; ZF TE-ML 04D, 14A

### PRODUCT DEFINITION

It is an automatic transmission fluid which is blended with superior quality mineral base oils and special additives.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS ATF M14

### APPROVALS AND SPECIFICATIONS

MB 236.1, 236.5, 236.6, 236.7, 236.9, 236.10, 236.12, 236.14

### PRODUCT DEFINITION

It is a high performance automatic transmission fluid produced by blending synthetic base oils and high technology additives, designed for the new generation Mercedes-Benz 7-speed NAG2 and AMG models. It is also used for all RWD (Rear Wheel Drive) Mercedes modules including Mercedes 4 and 5-speed automatic transmission vehicles.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS ATF M15

### APPROVALS AND SPECIFICATIONS

MB 236.15

### PRODUCT DEFINITION

It is a new generation high performance automatic transmission fluid produced by blending synthetic base oils and advanced technology additives, designed for the new generation Mercedes-Benz 7-speed and 7-G Tronic Plus models.



Extends equipment life by minimizing wear.



Protect gears against rust and corrosion.



Superior performance in hot and cold climates.



## LUBEX MITRAS HYDATF

### PRODUCT DEFINITION

It is a hydraulic steering fluid which is blended with highly refined mineral base oils and special additives.



Extends the equipment life by displaying excellent lubrication performance.



Compatible with seals, hoses and gaskets to prevent oil leakages and increase equipment efficiency.



Superior performance in hot and cold climates.



## PRIMUS



Passenger & Light  
Commercial Vehicle  
Engine Oils



Supplementary  
Products

## ROBUS



Heavy Duty Diesel  
Engine Oils

## AGROS



Agriculture  
Vehicle Oils

# LUBEX

SMART CHOICE

## RAPIDUS



Motorcycle  
Oils

## MITRAS



Transmission and  
Differential Oils

## HYDROVIS



Hydraulic Oils

## LUBEX AGROS UTTO 82

### PERFORMANCE

API GL-4

### APPROVALS AND SPECIFICATIONS

JI CASE: MS 1204-MS 1205-MS 1206-MS 1207-MS 1210; JOHN DEERE: JDM J20C / J20D; NEW HOLLAND: FNHA-2-C201.00; FORD: M2C134-A/B/C/D M2C86-B/C; MASSEY FERGUSON: M1141-M1135-M1143-M1145; WHITE FARM: Q-1826; ALLISON: C-3 / C-4; CATERPILLAR TO-2; VOLVO: WB-101; KUBOTA UDT; EATON VICKERS; ZF-TE-ML 03E/03F/05F/06E/06F/06K/17E/21F

### PRODUCT DEFINITION

AGROS UTTO 82 is a multi-purpose transmission oil blended with high quality solvent refined paraffinic mineral oil containing extreme pressure additives and friction modifiers. It displays excellent lubrication and low noise performance in transmissions, hydraulic systems, oil-immersed wet brakes and power transmissions of agriculture and off-highway equipments.



Superior lubrication performance at hot and cold climates. Displays high resistance to heat and ensures efficient power transmission at cold temperatures.



High viscosity index value ensures the oil film permanent at wide range of operating temperatures and minimize wear during cold start-up and warm-up conditions.



Contains detergent/dispersant additives to prevent deposit formation and ensure the lubricated components clean.



## LUBEX AGROS UTTO 42

### PERFORMANCE

API GL-4

### APPROVALS AND SPECIFICATIONS

MASSEY FERGUSON 1135; FORD M2C-86-B

### PRODUCT DEFINITION

AGROS UTTO 42 is a multi-purpose transmission oil blended with high quality solvent refined paraffinic mineral oil containing extreme pressure additives and friction modifiers. It displays excellent lubrication and low noise performance in transmissions, hydraulic systems, oil-immersed wet brakes and power transmissions of agriculture and off-highway equipments.



Superior lubrication performance at hot and cold climates. Displays high resistance to heat and ensures efficient power transmission at cold temperatures.



High viscosity index value ensures the oil film permanent at wide range of operating temperatures and minimize wear during cold start-up and warm-up conditions.



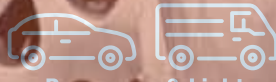
Contains detergent/dispersant additives to prevent deposit formation and ensure the lubricated components clean.





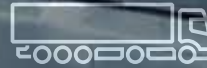
**Supplementary  
Products**

**PRIMUS**



Passenger & Light  
Commercial Vehicle  
Engine Oils

**ROBUS**



Heavy Duty Diesel  
Engine Oils

**AGROS**



Agriculture  
Vehicle Oils

**LUBEX**  
SMART CHOICE

**RAPIDUS**



Motorcycle  
Oils

**MITRAS**



Transmission and  
Differential Oils

**HYDROVIS**



Hydraulic Oils

### LUBEX ANTIFREEZE

#### APPROVALS AND SPECIFICATIONS TS 3582

#### PRODUCT DEFINITION

It is a monoethylene glycol based concentrated antifreeze formulated with superior anti-corrosion, anti-wear and anti-foam additives to be used in gasoline and diesel engine coolant systems.

- Compatible with all cooling system components including aluminum radiators.
- It is compatible with elastomers used in seals, O-rings and gaskets.
- Nitrite free.



### LUBEX ANTIFREEZE READY TO USE -56 °C

#### PRODUCT DEFINITION

It is a mono-ethylene glycol based ready to use antifreeze formulated with superior anti-corrosion, anti-wear and anti-foam additives to be used in gasoline and diesel engine coolant systems. It is suitable to use in gasoline and diesel engines. It is not recommended to use in cold areas that are cooler than -56.

- Compatible with all cooling system components including aluminum radiators.
- It is compatible with elastomers used in seals, O-rings and gaskets.
- Nitrite free.



### LUBEX LONG LIFE ANTIFREEZE

#### APPROVALS AND SPECIFICATIONS ASTM D3306; BS 6580:2010

#### PRODUCT DEFINITION

It is an ethylene glycol based concentrated red antifreeze with special organic type corrosion inhibitors, especially formulated for vehicles with radiators made of aluminum and its alloys.

- Provides unique protection against corrosion and foam formation due to the special additives it contains.
- It is compatible with elastomers used in seals, O-rings and gaskets.
- Nitrite, boron, phosphorus, silicate, amine free.



### LUBEX LONG LIFE ANTIFREEZE READY TO USE -56 °C

#### PRODUCT DEFINITION

It is an ethylene glycol based concentrated red antifreeze with special organic type corrosion inhibitors, especially formulated for vehicles with radiators made of aluminum and its alloys.

- Provides unique protection against corrosion and foam formation due to the special additives it contains.
- It is compatible with elastomers used in seals, O-rings and gaskets.
- Nitrite, boron, phosphorus, silicate, amine free.



### LUBEX ANTIFREEZE MG-40

#### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 325.5; MAN 324 Type Si-OAT;** AS 2108-2004, ASTM D 3306, ASTM D 4985, SAE J1034, ÖNORM V 5123, CUNA NC 956-16, JIS K 2234:2006, SANS 1251:2005, China GB 29743-2013 ve BS 6580:2010, VW / Audi / Seat / Skoda / Lamborghini / Bentley / Bugatti TL 774-G, Porsche MY 1996, Cummins CES 14603, MTU MTL 5048, Liebherr Minimum LH-01-COL3A, Deutz DQC CC-14.

#### PRODUCT DEFINITION

It is an ethylene-glycol based concentrate product which contains organic acids and silicates salts anticorrosion package (Si-OAT). It is formulated for use in the cooling systems of gasoline and diesel engines.

- Due to the special additives in its formula, it prevents cavitation in aluminum and cast iron radiators.
- It is compatible with elastomers used in seals, O-rings and gaskets.
- Nitrite, amine, phosphate and borate free.



### LUBEX ANTIFREEZE G-12 PLUS

#### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 325.3; MAN 324 TYPE SNF;**  
 AUDI TL-774 D = G 12, AUDI TL-774 F = G 12+;  
 CUMMINS CES 14439, CUMMINS CES 14603,  
 CUMMINS IS SERIES U N14; FORD  
 WSS-M97B44-D; MTU MTL 5048; OPEL-GM GMW  
 3420; RENAULT RNUR 41-01-001/-S TYPE D,  
 RENAULT TRUCKS 41-01-001/-S TYPE D; SEAT  
 TL-774 D = G 12, SEAT TL-774 F = G 12+; SKODA  
 TL-774 D = G 12, SKODA TL-774 F = G 12+;  
 VOLKSWAGEN TL-774 D = G 12, VOLKSWAGEN  
 TL-774 F = G 12+; VOLVO PENTA, VOLVO TRUCKS

#### PRODUCT DEFINITION

It is a long-lasting concentrated radiator fluid produced with ethylene glycol based and advanced corrosion inhibitor technology.

- It provides maximum protection against corrosion with organic corrosion inhibitor.
- Silicate, nitrite and phosphate free.
- It extends service intervals by providing superior protection against corrosion in modern aluminum motors.



### LUBEX ANTIFREEZE TSN

#### APPROVALS AND SPECIFICATIONS

**MB-APPROVAL 325.0; MAN 324-NF;**  
 AS 2108-2004, ASTM D 3306, ASTM D 4985,  
 SAE J1034, AFNOR NF R 15-601, ÖNORM V  
 5123, CUNA NC 956-16, JIS K 2234:2006,  
 SANS 1251:2005, SH 0521-1999, BS  
 6580:2010, BMW GS94000, Deutz DQC  
 CA-14, Jenbacher TA-Nr. 1000-0201, MTU  
 MTL 5048, Opel-GM B040 0240, Porsche  
 924, 928, 944, 968, Saab 6901599, VW /  
 Audi / Seat / Skoda TL 774-C

#### PRODUCT DEFINITION

It is an engine coolant concentrate based on ethylene glycol that needs to be diluted with water before use. It contains a corrosion inhibitor package based on salts of organic acids and silicates (Hybrid Coolant).

- Prevents cavitation on aluminum and cast-iron radiators due to special additives in the formulation.
- Due to its high heat conductivity it helps to cool the engine with success.
- It is compatible with elastomers used in seals, O-rings and gaskets.



### LUBEX WINGCLEAN

#### PRODUCT DEFINITION

It is developed to clean the dirt on the automobile glasses with its superior washing formula and resist to freezing in climatic conditions up to -15°C.

- It does not damage the auto paint, polish, wiper and tires.
- Does not leave stain on glass.
- It does not contain methanol which is dangerous to human health.



### LUBEX BRAKE FLUID DOT 3

#### APPROVALS AND SPECIFICATIONS

SAE J 1703; FMVSS 116 DOT-3

#### PRODUCT DEFINITION

It is heavy duty, full synthetic hydraulic brake fluid to be used in brake and clutch systems of vehicles requiring DOT-3 standard. It has high boiling point.

- It is compatible with elastomers used in seals, O-rings and gaskets.
- It provides smooth power transmission at high and low operating temperatures.
- With its special formulation, it helps to prolong the life of the brake system.



### LUBEX BRAKE FLUID DOT 4

#### APPROVALS AND SPECIFICATIONS

SAE J 1703; FMVSS 116 DOT-4

#### PRODUCT DEFINITION

It is heavy duty, full synthetic hydraulic brake fluid to be used in brake and clutch systems of vehicles requiring DOT-4 standard. It has high boiling point.

- It is compatible with elastomers used in seals, O-rings and gaskets.
- Due to its high boiling point, it shows superior performance against temperature increases due to long-term or intensive urban use.
- With its special formulation, it helps to prolong the life of the brake system.



### LUBEX BRAKE FLUID DOT 5.1

#### APPROVALS AND SPECIFICATIONS

SAE J 1703; ISO 4925;  
 FMVSS 116 DOT-5.1

#### PRODUCT DEFINITION

It is a high performance hydraulic brake fluid formulated for modern vehicles working under severe driver conditions.

- Improved brake control at low temperatures and rapid reaction in stability systems such as ABS, ASR.
- Prevent corrosion in the braking system due to improved additives.
- Advanced braking performance due to high boiling point.





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