

# LUBEX ROBUS MASTER LA 10W-30

HIGH PERFORMANCE FULLY SYNTHETIC DIESEL MOTOR OIL

# **PRODUCT DESCRIPTION**

It is high performance, synthetic heavy-duty diesel motor oil which provides fuel economy and it is compatible with exhaust emission systems (DPF, EGR, SCR).

# **APPLICATION/ USAGE**

It is recommended for use in vehicles meet Euro VI, Euro V and older emission norms and diesel engines operating under severe conditions such as long oil change intervals. It is especially recommended for engines equipped with emission reduction systems such as Diesel Particulate Filter (DPF) used by some vehicle manufacturers and for vehicles operating with low sulphur diesel fuel.

# **ADVANTAGES/ BENEFITS**

- Provides long life for exhaust emission systems (DPF, EGR, SCR) by its low ash, phosphorus and Sulphur (Low-SAPS) content.
- Thanks to its high oxidation and viscosity stability, it saves maintenance costs by meeting extended service interval requirements.
- It can be used safely in all seasons by providing constant lubrication in all climatic and road conditions.
- Protects the engine against rust, wear and corrosion, and extends engine performance and life.
- Due to producing with Low Friction Technology and its excellent flow and pumpability properties, provides maximum protection against wear at first start-up.

- Thanks to its excellent thermo-oxidative properties, it provides protection against high temperature degradation, sediment accumulation and oil thickening.
- It has superior piston cleaning performance, which provides excellent protection against cylinder polishing and wear.

#### SPECIFICATIONS/ APPROVALS

API CI-4 ACEA E9, E7, E6 CES 20076 DEUTZ DQC IV-18 LA MTU TYPE 3.1 MACK EO-N MAN M 3477, MAN M 3271-1 MB-Approval 228.51 Renault RLD-2 Volvo VDS-3 Caterpillar ECF-1a

#### STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

#### **HEALTH AND SAFETY**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

TECHNICAL PROPERTIES	TYPICAL VALUES	TEST METHOD
SAE Viscosity Class	10W-30	-
Density (15°C) (g/cm <sup>3</sup> )	0,850	ASTM D 4052
Kinematic Viscosity (100°C, cSt)	10,3	ASTM D 445
Viscosity Index	150	ASTM D 2270
Flash Point (°C)	225	ASTM D 92
Pour Point (°C)	-33	ASTM D 97
TBN (mgKOH/g)	10,3	ASTM D 2896
CCS (-25°C, cP)	5000	ASTM D 5293
Sulphated Ash (%wt)	1,0	ASTM D 874
HTHS (150°C, cP)	3,6	ASTM D 4741

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

