

LUBEX ROBUS GLOBAL LA 5W-30

HIGH PERFORMANCE FULLY SYNTHETIC DIESEL MOTOR OIL

PRODUCT DESCRIPTION

It is the high performance fully synthetic heavy-duty diesel engine oil developed for use in the new generation low emission Euro VI vehicles with Low-SAPS (Low ash, phosphorus and sulphur) additive technology, providing superior engine protection and fuel economy. It is also suitable for use on Euro V, Euro IV, Euro III, Euro II and Euro I vehicles.

APPLICATION/ USAGE

It is recommended for use in diesel motors operating under severe conditions such as long drain intervals and vehicles that meet Euro VI, Euro V and older emission norms. 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. It can be used safely in trucks, lorries and buses as well as in construction machinery and equipment operating under low speed / heavy load conditions and using low sulphur content 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, saves maintenance cost by meeting requirements of long drain intervals.
- Provides lower fuel consumption due to low friction and oxidation stability.
- 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 the life of the engine.
- Provides maximum protection against wear at first start-up moment especially in winter and at low temperatures by its excellent flow and pumpability properties.
- Thanks to its excellent thermo-oxidative property, provides protection against high temperature degradation, sediment accumulation and oil thickening.
- It has superior piston cleaning performance that provides excellent protection against cylinder polishing and wear.

SPECIFICATIONS/ APPROVALS

API CK-4, CJ-4, CI-4 PLUS/SN
ACEA E9, E7, E6
CAT ECF-3
CES 20081-86
DDC 93K222
DEUTZ DQC IV-10 LA
FORD WSS-M2C213-A1
JASO DH-2
MTU TYPE 3.1
MACK EOS-4.5
MAN M 3677
MB-Approval 228.51
MB 228.31
Scania Low Ash
Renault RLD-3
Volvo VDS-4.5

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.

"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."

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TECHNICAL PROPERTIES	TYPICAL VALUES	TEST METHOD
SAE Viscosity Class	5W-30	-
Density (15°C) (g/cm ³)	0,853	ASTM D 4052
Kinematic Viscosity (100°C, cSt)	11,5	ASTM D 445
Viscosity Index	166	ASTM D 2270
Flash Point (°C)	210	ASTM D 92
Pour Point (°C)	-39	ASTM D 97
TBN (mgKOH/g)	9,5	ASTM D 2896
CCS (-30°C, cP)	5200	ASTM D 5293
Sulphated Ash (%wt)	1,0	ASTM D 874
HTHS (150°C, cP)	3,6	ASTM D4741

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