

**LUBEX ROBUS GLOBAL LA 5W-30**  
HIGH PERFORMANCE FULLY SYNTHETIC DIESEL MOTOR OIL**PRODUCT DESCRIPTION**

It is a high performance fully synthetic heavy duty diesel engine oil which is developed with Low-SAPS (Low Ash, Phosphorus and Sulfur) additive technology especially for use in today's new generation low emission Euro VI vehicles that provides superior engine protection and fuel economy. It is also suitable for use in Euro V and Euro IV vehicles.

**APPLICATION/ USAGE**

It is recommended for use in new generation heavy duty diesel vehicles equipped with low emission systems (DPF, EGR, SCR) operating in difficult driving conditions of the transportation, construction and mining sectors. It is also suitable for use in vehicles such as trucks, lorries and buses, as well as new generation construction machinery and agricultural equipment operating in low speed/heavy load conditions.

**ADVANTAGES/ BENEFITS**

- Its specially selected Low-SAPS (Low Ash, Phosphorus and Sulfur) additive technology compatible with exhaust emission systems (DPF, EGR and SCR) of new generation vehicles, provides superior protection and extends service life.
- Advanced viscosity stability and low friction characteristic provides fuel economy without compromising engine protection and durability during extended service intervals.
- Especially at low ambient temperatures, its excellent flow and pumpability performance provides maximum protection against wear that may occur during the initial start-up of the engine.
- Its unique detergent and dispersant properties prevent the accumulation of soot resulting from combustion, ensuring that the critical parts of the engine and lubrication channels remain clean.
- The high oxidation stability provided by the fully synthetic base oils used in its formulation offers unique protection against oil thickening during long service intervals.

**SPECIFICATIONS/ APPROVALS**

API CK-4, CJ-4, CI-4 PLUS, SN  
ACEA E7, E8, E11  
CAT ECF-3  
CES 20081-86  
DAF PSQL 2.1 E-LD  
DDC 93K222  
DEUTZ DQC IV-18 LA  
FORD WSS-M2C213-A1  
JASO DH-2  
MTU TYPE 3.1  
VOLVO VDS-4.5  
MACK EOS-4.5  
RENAULT RLD-3  
MAN M 3677  
DTFR 15C100 (MB 228.31)  
DTFR 15C110 (MB 228.51)  
DTFR 15C120 (MB 228.52)  
SCANIA LDF-4

**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."

09.2024.09.27

**BELGİN**

BELGİN MADENİ YAĞLAR TİC. ve SAN. A.Ş.  
Gebze OSB Mah. İhsan Dede Cad.  
No: 125/1, 41400 Gebze, Kocaeli, Turkey  
T +90 262 751 02 92 F +90 262 751 01 98  
info@lubex.com.tr - lubex.com.tr

TECHNICAL PROPERTIES	TYPICAL VALUES	TEST METHOD
SAE Viscosity Class	5W-30	-
Density (15°C) (g/cm <sup>3</sup> )	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 D 4741

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