

**LUBEX ROBUS PRO LA 15W-40****HEAVY DUTY DIESEL MOTOR OIL****PRODUCT DESCRIPTION**

It is a high-performance heavy-duty diesel engine oil produced with specially selected quality base oils and Low-SAPS (Low Sulphated Ash, Phosphorus and Sulphur) additive technology compatible with exhaust emission systems (DPF, SCR, DOC).

**APPLICATION/ USAGE**

It was developed especially for use in new generation Euro VI road vehicles and Stage V off-road equipment. At the same time, due to the wide range of OEM approvals and specifications it meets, it can also be used in many heavy-duty commercial vehicles, construction equipment, agricultural equipment and generators that meet previous emission standards.

**ADVANTAGES/ BENEFITS**

- Low-SAPS (Low Sulfated Ash, Phosphorus, and Sulfur) additive technology, compatible with exhaust emission systems, prevents malfunction and clogging of DPF, SCR, and DOC components, thereby extending their service life and ensuring consistent engine efficiency.
- Provides excellent protection against wear, extending engine life and reducing maintenance costs.
- It provides superior lubrication performance during long oil change intervals without compromising lubrication performance even under the most difficult operating conditions.
- Outstanding oxidation and thermal stability offer excellent protection against cylinder polishing and deposit formation.

- Advanced detergent and dispersant performance prevent soot and deposit accumulation in critical components and lubrication channels, keeping the engine clean.

**SPECIFICATIONS/ APPROVALS**

API CK-4/CJ-4/CI-4 PLUS/SN  
ACEA E11, E7  
ALLISON TES 439  
CAT ECF-3  
CES 20086, 20100  
DETROIT DDC 93K222  
DEUTZ DQC III-18 LA  
FORD WSS-M2C171-F1  
MTU TYPE 2.1  
MACK EOS 4.5  
MAN M 3775  
DTFR 15C100  
RENAULT RLD-3  
VOLVO VDS-4.5  
JASO DH-2

**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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**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                | 15W-40         | -           |
| Density (15°C, g/cm <sup>3</sup> ) | 0.875          | ASTM D 4052 |
| Kinematic Viscosity (100°C, cSt)   | 14.9           | ASTM D 445  |
| Viscosity Index                    | 135            | ASTM D 2270 |
| Flash Point (°C)                   | 235            | ASTM D 92   |
| Pour Point (°C)                    | -33            | ASTM D 97   |
| TBN (mgKOH/g)                      | 9.6            | ASTM D 2896 |
| CCS (-20°C, cP)                    | 6100           | ASTM D 5293 |
| Sulphated Ash (%wt)                | 0.9            | ASTM D 874  |
| HTHS (150°C, cP)                   | 4.2            | ASTM D 4741 |

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