

# LUBEX PRIMUS SMB-LA 5W-30

## HIGH PERFORMANCE FULLY SYNTHETIC MOTOR OIL

### PRODUCT DESCRIPTION

It is a fully synthetic engine oil which is developed with Mid-SAPS technology especially for use in Mercedes Benz passenger and light commercial vehicles with new generation exhaust emission systems (GPF, DPF, SCR and TWC). It also meets API SP category which is the latest gasoline engine oil performance level introduced by the American Petroleum Institute.

### APPLICATION / USAGE

It is suitable for use in new generation Euro 6 direct injection, turbo charged and multi-valve passenger and light commercial vehicles owing to its special Mid-SAPS additive technology compatible with exhaust emission systems. It is also recommended for use in Euro 5 and Euro 4 vehicles.

### ADVANTAGES / BENEFITS

- Its excellent resistance to LSPI (Low Speed Pre-Ignition) formation, especially detected in new generation turbo-charged direct injection gasoline engines, prevents possible serious damage and extends engine life.
- Mid-SAPS (Mid-Sulfated Ash, Phosphorus and Sulfur) technology extends the life of exhaust emission systems (DPF, GPF, SCR, TWC), maintains engine operating efficiency and protects the environment.
- Its advanced detergent and dispersant property prevents the accumulation of residue and soot resulting from combustion, ensuring that the critical parts of the engine and lubrication channels remain clean.

- Excellent oxidation resistance provides enhanced protection against deposit formation on the piston and turbocharger at high operating temperatures.
- Improved viscosity stability provides all-season protection without compromising lubrication performance over long service intervals.

### SPECIFICATIONS / APPROVALS

API SP  
ACEA C2, C3  
MB-APPROVAL 229.51  
MB-APPROVAL 229.52  
MB 229.31  
MB 226.52

### 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 Grade	5W-30	-
Density (15°C, g/cm <sup>3</sup> )	0.854	ASTM D 4052
Kinematic Viscosity (100°C, cSt)	12.3	ASTM D 445
Viscosity Index	163	ASTM D 2270
Flash Point (°C)	210	ASTM D 92
Pour Point (°C)	-36	ASTM D 97
TBN (mgKOH/g)	8.2	ASTM D 2896
CCS (-30°C, cP)	6020	ASTM D 5293
Sulphated Ash (%wt)	0.7	ASTM D 874
HTHS (150°C, cP)	3.55	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."

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**BELGİN**

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