

LBR-X SAE 5W-30

MINERAL MULTIGRADE GASOLINE MOTOR OIL

DESCRIPTION

Formulated for today's engine designs. It is a mineral oil that offers the engine protection and optimum performance. Made with mineral bases and advanced chemistry that provides excellent protection against wear and oxidation, while improving the properties of the oil over time, preserving the benefits of viscosity, friction and anti-wear despite the high operating temperatures inside the motor. Designed to improve fuel consumption and improve power and acceleration. Created for extreme hot and cold driving conditions: stop and go, frequent short trips.

BENEFITS

- **Minimizes LSPI.**
Protects modern TGDI and GDI engines against severe damage caused by LSPI (Low Speed Pre-Ignition). Technology that reduces the probability of a low speed pre-ignition event by up to 5 times¹.
- **Fuel economy.**
Fuel savings up to 24% more than previous ILSAC technology² and reduced harmful emissions to the atmosphere.
- **Extended drainage.**
Reduces maintenance costs due to its complete protection in extreme conditions.
Prevents the accumulation of sludge and deposits in the engine thanks to its detergent and dispersant technology.
- **Wear protection.**
Anti-friction technology that controls metal-to-metal wear.
Excellent fluidity at low temperatures facilitating starting in cold climates.
- **Compatible with E85 fuels.**
Provides protection for engines operating on fuels with ethanol content greater than E85.

SPECIFICATIONS

- API SP
- ILSAC GF-6A
- API Resource Conserving

APPLICATIONS

It is recommended for late model and prior year gasoline engine service with added protection against low speed preignition.

Consult your vehicle manual for the correct viscosity grade.

1. According to the results obtained in Sequence IX.

2. According to the results ILSAC GF5 Vs. ILSAC GF6 in Sequence VI-E.

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CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
Grado SAE	SAEJ300	5W-30
Color	ASTM D1500	2.5
Density @20°C, g/ml	ASTM D4052	0.86
Flash point COC, °C, min.	ASTM D92	215
Kinematic viscosity @ 100°C, cSt	ASTM D445	11
Kinematic viscosity @ 40°C, cSt	ASTM D445	60
Viscosity Index	ASTM D2270	158
Cold Crack Simulation, Cp @-30°C	ASTM D5293	4900
Pour point, °C	ASTM D97	-30
TBN, mg KOH/g	ASTM D2896	7
Foam Tendencies, ml max.	ASTM D892	
Sequence I		10/0
Sequence II		50/0
Sequence III		10/0

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the yield product during the normal manufacturing and on different mixing locations are expected. Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com