

## LBR PRO SAE 5W-30 API SP/ILSAC GF-6A

### SYNTHETIC MULTIGRADE OIL

#### DESCRIPTION

Formulated for today's engine designs. LBR PRO SAE 5W-30 API SP / ILSAC GF-6A is a new technology fabricated synthetic oil that offers superior engine performance and protection. Made with synthetic bases and advanced chemistry that provides maximum protection against wear and oxidation, while improving oil properties over time, preserving the benefits of viscosity, friction and anti-wear despite the high operating temperatures inside of the motor and allowing to lengthen the drainage periods. Designed to improve fuel consumption as well as maximizing power and acceleration. Created for extreme hot and cold riding conditions: stop and go, frequent short trips. Complies with API SP and ILSAC GF-6A requirements.

#### 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 times<sup>1</sup>.
- **Fuel economy.**  
Fuel savings up to 24% more than ILSAC GF-5 technology<sup>2</sup> and reduction of harmful emissions into the atmosphere.
- **Extended drain.**  
Synthetic technology that allows extended periods of drainage because it contains uniform molecules that provide more durable protection. Reduces maintenance costs due to its complete protection in extreme conditions. Contains superior quality detergents and dispersants, preventing the sludge and deposits accumulation in the engine.

- **Wear protection.**

Anti-friction technology that controls metal-to-metal wear. Excellent low temperature fluidity facilitating cold weather starting.

#### SPECIFICATIONS

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

#### APPLICATIONS

LBR PRO SAE 5W-30 API SP/ILSAC GF-6A is recommended for the service of gasoline engines of late model and older vehicles with additional protection against preignition at low speeds.

Consult your vehicle manual for the correct viscosity grade.

1. According to the results obtained in Sequence IX of the engine.  
2. According to the results ILSAC GF5 Vs. ILSAC GF6 in the Sequence to VIE..

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### CHARACTERISTICS

| TEST                             | TEST METHOD | TYPICAL VALUE |
|----------------------------------|-------------|---------------|
| SAE Grade                        | SAE J300    | 5W-30         |
| API classification               |             | SP            |
| Color                            | ASTM D1500  | 2.0           |
| Density @20°C, g/ml              | ASTM D4052  | 0.85          |
| Flash point COC, °C, mín         | ASTM D92    | 225           |
| Kinematic viscosity @ 100°C, cSt | ASTM D445   | 10            |
| Kinematic viscosity @ 40°C, cSt  | ASTM D445   | 59            |
| Viscosity index                  | ASTM D2270  | 162           |
| Cold start simulation, Cp @-35°C | ASTM D5293  | 5500          |
| Pour point, °C                   | ASTM D97    | -39           |
| TBN, mg KOH/g                    | ASTM D2896  | 7             |
| Foam tendency, ml máx.           | 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](mailto:venta@lubral.com).