



## Technical Data Sheet

# 76<sup>®</sup> LUBRICANTS 0W-16

Product code SJL76004



### Description

76<sup>®</sup> LUBRICANTS 0W-16 is a full synthetic, fuel saving engine oil that has been formulated to protect your engine and keep it running reliably and efficiently.

76<sup>®</sup> LUBRICANTS 0W-16 meets the stringent requirements of ILSAC GF-6B and API SP. This ensures that 76<sup>®</sup> LUBRICANTS 0W-16 can withstand the challenging operating environment of a modern direct-injection turbocharged gasoline engine.

### Application

76<sup>®</sup> LUBRICANTS 0W-16 engine oil is recommended for use in passenger cars, SUVs and light trucks with gasoline engines requiring the use of an SAE 0W-16 engine oil meeting the requirements of ILSAC GF-6B and API SP.

76<sup>®</sup> LUBRICANTS 0W-16 engine oil **CANNOT** be used in older vehicles for which previous levels of API or ILSAC performance engine oil are specified.

**Always use the correct engine oil for your vehicle. By following the vehicle manufacturer's recommendation for viscosity grade, performance level and oil drain interval period you will maintain the reliability and efficiency of your vehicle. This information can be found in your owner's handbook.**

### Features & Benefits:

76<sup>®</sup> LUBRICANTS 0W-16 engine oil has been designed to deliver effective lubrication, cooling and protection needed to maximize your vehicle's reliable and efficient operation. 76<sup>®</sup> LUBRICANTS 0W-16 engine oil:

- Protects and lubricates essential parts of your vehicle's engine, including turbochargers, pistons, bearings and valvetrains, to ensure efficient and reliable operation
- Protects your vehicle's emissions control system to maintain effective operation
- Mitigates the occurrence of low-speed pre-ignition (LSPI) in turbocharged direct injection gasoline engines, which can lead to engine failure
- Protects against corrosion and the formation of rust, which can impact engine durability
- Protects against the formation of sludge, varnish and deposits, which can adversely impact the efficient operation of your vehicle
- Provides resistance to thermal breakdown at high temperatures, ensuring the engine oil continues to flow, lubricate and protect your engine throughout the oil drain interval
- Provides resistance to low temperatures, ensuring the engine oil can be pumped around the engine to provide protection during cold starts

## Specifications

76<sup>®</sup> LUBRICANTS 0W-16 has been approved against the requirements of the latest ILSAC and API performance categories:

- ILSAC GF-6B
- API SP

## Properties and Specifications

| Property                              | Method     | Units | 76 <sup>®</sup> LUBRICANTS<br>0W-16 |
|---------------------------------------|------------|-------|-------------------------------------|
| Relative Density @ 15°C               | ASTM D4052 | g/ml  | 0.846                               |
| Kinematic Viscosity @ 100°C           | ASTM D445  | cSt   | 7.11                                |
| Kinematic Viscosity @ 40°C            | ASTM D445  | cSt   | 36.25                               |
| Cold Cranking Viscosity (CCS) @ -35°C | ASTM D5293 | cP    | 5198                                |
| Viscosity Index                       | ASTM D2270 | -     | 163                                 |
| Pour Point                            | ASTM D5950 | °C    | -45                                 |
| Flash Point (PMCC)                    | ASTM D93   | °C    | 197                                 |
| Sulphated Ash                         | ASTM D874  | %wt   | 0.71                                |

## Health and Safety

Health and safety recommendations for this product can be found on the Safety Data Sheet (SDS).

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

## Further Information

### Sanbrea Japan Limited

Address 4-3-9 Nihonbashi Muromachi, Chuo-ku, Tokyo 103-0022 Japan  
Email 76lubricants@sanbrea.com  
Phone 0120-460-064  
Website www.76lubricants.jp

©2020. 76 is a registered trademark owned by Phillips 66 Company and licensed by Sanbrea K.K.