

SAE 0W20 FULLY SYN SN

Description

Fully Synthetic SAE 0W-20 is premium performance, multigrade motor oil formulated from selected synthetic base fluids and matching additive technology for use in passenger car and light truck gasoline and diesel engines under all operating conditions. This engine oil is formulated with reduced levels of metals and the elements phosphorus and sulfur to provide maximum durability of the latest low emission vehicle technologies. It is optimized to provide complete engine protection plus ultimate performance.

REDEFINING LIQUID ENGINEERING

Performance Benefits

Provides outstanding wear control in even the most sophisticated valve train mechanisms, including those with variable valve timing.	Extended oil drain interval between 10,000 to 20,000km
Wider temperature range capability of the synthetic base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation.	Superior thermal stability and oxidation resistance provides maximum protection against in-service oil degradation
Low metal, phosphorus and sulfur formulation extends emission system durability.	Ensures maximum power and performance by providing superior control of ring belt and piston skirt deposits, even under the most severe operating conditions.

TESTING METHODS	RESULTS
SAE GRADE	0W-20
VISCOSITY, ASTM D445	
cSt @ 40 °C	45.80
cSt @ 100 °C	8.60

Viscosity Index, ASTM D 2270	169
Sulfanated Ash, Wt%, ASTM D874	1.0
Total Base # , mg KOH/g, ASTM D 2896	10
Pour Point, °C, ASTM D 97	-35
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D46834	3
Flash Point, °C, ASTM D 92	230
Density @ 15°C kg/l, ASTM D 4052	0.85

Approval

API SN/CF, SN/CJ-4, SN/CI-4, ACEA A3/B3, A3/B4 Meets ACEA C3 Meets BMW Longlife-01 (6th Edition) Meets BMW Longlife-04 (6th Edition) Meets FCA US LLC (formerly known as Chrysler Group LLC) MS-12991 Meets GM dexos2™ (License no. GB2E0601089) Licensed Daimler-MB Approval 229.30 Approved Daimler-MB Approval 229.31 Approved Daimler-MB Approval 229.50 Approved Daimler-MB Approval 229.51 Approved Porsche A40 Meets Meets VW 501.01† Recommended VW 502 00 Approved Meets VW 505 00 Approved Approved VW 505 01

Suitable for:

- *Naturally aspirated and turbocharged gasoline and diesel engines in passenger cars and light trucks*
- *Low emission passenger car and light duty vehicle engines fitted with latest catalytic converter (gasoline) or diesel particulate filter technology*
- *Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils*

PRODUCTS AVAILABLE IN 1L,4L,5L,18L,200L,1000L

Health, Safety & Environment

Health and Safety

- Our Lubricant is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.

The information contained in this document is based on data believed to be reliable and relates only to matters specifically mentioned in this document. Although all reasonable skill and care is taken in preparation of this information, no representation, warranty or guarantee is made with regards to accuracy, reliability and completeness.

