



Mobil Super™ Smart Plus Protection 0W-20

Mobil Passenger Vehicle Lube , South Korea

Fully Synthetic Engine Oil

Product Description

Mobil Super™ Smart Plus Protection 0W-20 is full synthetic engine oils, designed to provide fast protection for engines against tough conditions in city driving.

Features and Benefits

Mobil Super™ Smart Plus Protection 0W-20 provides:

- Outstanding anti-wear protection for vehicles of all ages against tough conditions in city driving.
- Outstanding protection against harmful deposits to maintain engine cleanliness.
- Outstanding protection against LSPI (low speed pre-ignition) events in TGDI engines to help prolong engine life.
- Low temperature fluidity for smooth start-up, plus exceptional viscosity stability at high operating temperatures

Applications

Mobil Super™ Smart Plus Protection 0W-20 is formulated to give you confidence of engine protection for gasoline direct injection (GDI) and hybrid engines beyond that of conventional oils.

Specifications and Approvals

| This product meets or exceeds the requirements of: |
|--|
| API SN |
| API SN PLUS |
| API SP |
| ILSAC GF-6A |

Properties and Specifications

| Property | |
|---|-----------|
| Grade | SAE 0W-20 |
| Ash, Sulfated, mass%, ASTM D874 | 0.8 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 220 |

| Property | |
|---|-------|
| Pour Point, °C, ASTM D97 | -42 |
| Viscosity Index, ASTM D2270 | 170 |
| Total Base Number, mgKOH/g, ASTM D2896 | 7.5 |
| Density @ 15.6 C, g/ml, ASTM D4052 | 0.847 |
| Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445 | 8.5 |
| Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445 | 45 |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 2.6 |
| Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684 | 24700 |

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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10-2020

Mobil Korea Lube Oil Inc.

Level 22, Seoul Square bd., Hangang-daero, Jung-gu, Seoul, Korea

+82-2-750-8700

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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