



## Mobil Super™ 3000 Formula OV 0W-20

Mobil Passenger Vehicle Lube , Greece

Fully Synthetic Engine Oil

### Product Description

Mobil Super™ 3000 engine oil series are synthetic and engineered to deliver outstanding protection.

Mobil Super™ 3000 Formula OV 0W-20 is a high performance, low ash engine oil formulated to provide long engine life for modern gasoline and diesel vehicles equipped with exhaust gas after-treatment systems (e.g. catalysts, particle filters) and requiring a low viscosity oil to achieve fuel economy. This product has been specifically designed to meet 0W-20 grade recommendations from multiple OEMs.

### Features and Benefits

Mobil Super 3000 Formula OV 0W-20 is designed to help :

- achieve fuel economy in both diesel and gasoline powered engines designed to operate with 0W-20 grade oils
- protect emission after treatment systems
- enhance engine cleanliness and sludge prevention
- enhance high temperature and wear protection
- control timing chain wear and low-speed pre-ignition (LSPI)
- enhance cold start-up performance

### Applications

Mobil Super 3000 Formula OV 0W-20 is suitable for modern high efficiency gasoline, diesel and hybrid cars from Opel, Vauxhall, Mercedes, GM and Ford as well as for Japanese and Korean vehicles that specifically call for a SAE 0W-20 viscosity grade and any of the specifications the oil supports.

- Mobil Super 3000 Formula OV 0W-20 is suitable for use in Jaguar Land Rover vehicles calling for STJLR.03.5006, JLR's latest specification for 0W-20 viscosity Mid SAPS engine oils which is backwards compatible with STJLR.51.5122 except in cold climate countries.
- Mobil Super 3000 Formula OV 0W-20 meets or exceeds the requirements of the latest API SP industry standard to help address LSPI (Low Speed Pre-Ignition) in downsized direct injection turbocharged gasoline engines.
- Mobil Super 3000 Formula OV 0W-20 is not recommended for older vehicle engines designed to operate with higher viscosity engine oils.

Owner's manual should be consulted for recommended viscosity grade and specification.

### Specifications and Approvals

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| <b>This product has the following approvals:</b> |
| STJLR.03.5006                                    |
| GM dexosD Licensed                               |

**This product has the following approvals:**

MB-Approval 229.71

OPEL OV 040 1547 - A20

**This product meets or exceeds the requirements of:**

API SP

API SN PLUS

FORD WSS-M2C952-A1

ACEA C5

ACEA C6

**Properties and Specifications**

| Property   |           |
|--|-----------|
| Grade  | SAE 0W-20 |
| Density @ 15 C, g/ml, ASTM D1298                           | 0.84      |
| Pour Point, °C, ASTM D97                                   | -39       |
| Phosphorus, mass%, ASTM D4951                              | 0.08      |
| Viscosity Index, ASTM D2270                                | 188       |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 8         |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 38.6      |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 234       |
| Ash, Sulfated, mass%, ASTM D874                            | 0.8       |

**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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