

# Mobil 1 15W-50

## Most Advanced Performance Synthetic Engine Oil

### Product Description

Mobil 1 15W-50 is the most advanced performance synthetic engine oil designed to provide the cleaning power, wear protection and performance reserve to keep engines running smooth and clean.

### Features and Benefits

Mobil 1 15W-50 is formulated with SuperSyn, an extra high-viscosity synthetic fluid, plus extra anti-wear additive to provide extra protection for severe service applications. Mobil 1 15W-50 is recommended for high performance vehicles including turbocharged and supercharged engines where a thicker oil film is desired. Mobil 1 15W-50 is also recommended for older valve train designs that may benefit from a higher level of anti-wear normally not required for newer generation vehicles. Mobil 1 15W-50 will also provide better anti-wear protection for higher valve spring tensions in certain racing engines.

Key features and benefits include:

Features	Advantages and Potential Benefits
Fully synthetic formula with SuperSyn Technology	Helps prevent deposits and sludge build-up to enable long engine life Excellent overall lubrication and wear protection performance for all driving styles
Outstanding thermal and oxidation stability	Outstanding performance during the maximum oil change interval recommended in a vehicle's owners manual
Extra anti-wear additive	Extra protection for severe service

### Applications

Mobil 1 15W-50 is recommended for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline and diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and trucks.

- Mobil 1 15W-50 is recommended for older valve train designs that may benefit from a higher level of anti-wear normally not required in newer generation vehicles
- Mobil 1 15W-50 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

### Specifications and Approvals

Mobil 1 15W-50 meets or exceeds the following industry specifications:

API	SM,SL,SJ,EC,CF
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## Typical Properties

<b>Mobil 1 15W-50</b>	
SAE Grade	15W-50
Viscosity, ASTM D 445	
cSt @ 40° C	131.2
cSt @ 100° C	18.1
Viscosity Index, ASTM D 2270	154
Sulfated Ash, wt%, ASTM D 874	1.21
HTHS Viscosity, mPa*s @ 150°C ASTM D 4683	4.50
Pour Point, °C, ASTM D 97	-39
Flash Point, °C, ASTM D 92	235
Density @15° C kg/l, ASTM D 4052	0.87

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment.

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