

**4000 MOTION 15W-50**

**Gasoline and Diesel Engine Oil**  
**API SL / CF Certified**  
**Mineral**

**TYPE OF USE**

Specially designed for cars powered by Gasoline and Diesel engines, naturally aspirated or turbocharged, indirect or direct injection, carburetor or injection, with or without catalytic converter.  
Suitable for all type of fuels: leaded or unleaded Gasoline, Ethanol, LPG, Diesel and biofuels.

**PERFORMANCES**

STANDARDS	ACEA A3 / B3 API SERVICE SN
PERFORMANCES	MERCEDES-BENZ MB 229.1

The API SL standard is more stringent than API SJ in terms of aging resistance (average drain interval increased), requires anti-oxidation properties to maintain a constant viscosity avoiding sludge and deposits in the crankcase, anti-wear properties and dispersant power.

Detergent, dispersive agents and anti-oxidation additivation are particularly reinforced to ensure longer drain intervals, required by manufacturers for their new car models.

Very efficient anti-deposit and anti-black sludge power which maintains a clean engine.

Outstanding protection at high temperature.

Anti-corrosion, anti-foam properties.

**RECOMMENDATIONS**

Drain interval: according to manufacturers' recommendations and tune to your own use.  
MOTUL 4000 Motion 15W-50 can be mixed with synthetic or mineral oils.



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### PROPERTIES

Viscosity grade	SAE J 300	15W-50
Density at 20°C (68°F)	ASTM D1298	0.868
Viscosity at 40°C (104°F)	ASTM D445	154.1 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	19.6 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	147.0
Flash point	ASTM D92	226.0 °C / 434.0 °F
Pour point	ASTM D97	-43.0 °C / -45.0 °F
TBN	ASTM D2896	10.2 mg KOH/g