

# Product information

## Formula Super 10W-40

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### Description

Formula Super SAE 10W-40 is a mineral-based high performance low-friction motor oil for all season use. Selected base oils and a high additive content guarantee optimum lubrication, even under extreme operating conditions.

### Properties

- low evaporation loss
- miscible with all commercially available motor oils
- tested for turbochargers and catalytic converters
- optimum stability to aging
- guarantees low oil consumption
- optimum lubrication in extreme operating conditions
- high wear resistance
- high shear stability

### Specifications and approvals:

ACEA A3 • ACEA B3 • ACEA E3 • API SL • API CG-4

**LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:**

MAN 271 • MB 228.1 • MB 229.1 • Volvo VDS

### Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 15 °C	0,865 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	90,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	14,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -30°C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -25°C (CCS)	≤ 7000 mPas ASTM 5293
Viscosity index	159 DIN ISO 2909
HTHS at 150°C	≥ 3,5 mPas ASTM D5481
Pour point	-39 °C DIN ISO 3016
Evaporation loss (Noack)	13,0 % CEC-L-40-93
Flash point	230 °C DIN ISO 2592

### Technical data

Total base number	8,4 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color number (ASTM)	L 4,0 DIN ISO 2049

### Areas of application

Universal motor oil for gasoline and diesel engines (aspirated diesel engines and diesel engines with exhaust gas turbocharging, with and without charge air cooler).

### Application

The operating instructions of the engine manufacturers must be followed. Mixable with commercially available motor oils. Full effectiveness only when used unmixed.

### Available pack sizes

1 l Canister plastic	3862 D
5 l Canister plastic	7721 D

**Our information is based on thorough research and may be considered reliable, although not legally binding.**