Product information
Formula Super 5W-40

PI 22/06/18/2025



Description

High-performance low-friction motor oil for year-round use based on synthetic technology. Selected base oils and a high additive content guarantee optimum lubrication, even under extreme operating conditions.

Properties

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

Specifications / Approvals

ACEA A3 • ACEA B4 • API SN • API CF

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

MB 229.3 • VW 502 00 • VW 505 00

Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 15 °C	0,855 g/cm³ DIN 51757
Viscosity at 40 °C	83,0 mm²/s ASTM D7042
Viscosity at 100 °C	13,9 mm²/s ASTM D7042
Viscosity at -35 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -30 °C (CCS)	⩽ 6600 mPas ASTM D5293
Viscosity index	170 DIN ISO 2909
HTHS at 150°C	> 3,5 mPas ASTM D5481
Pour point	-36 °C DIN ISO 3016
Evaporation loss (Noack)	11,0 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	11,0 mg KOH/g DIN ISO 3771

Technical data

Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color number (ASTM)	L 3,0 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). Tested for turbochargers and catalytic converters.

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	3865 DE
5 l Canister plastic	3870 DE
205 l Black plate barrel	1487 DE-EN

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

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