

## Touring High Tech 15W-40

### Description

All-season high-performance motor oil with selected base oils in conjunction with new future-oriented additive technology. Prevents from oil sludge. The formulation has a beneficial effect on sealing materials and thus on the leaktightness of engines. Ensures low oil consumption. High lubricating film stability ensures reliable operation.

### Properties

- optimum stability to aging
- high wear resistance
- good cold-start behavior
- suitable for gasoline and diesel engines with and without exhaust-gas turbocharging
- prevents black sludge
- low evaporation loss
- high shear stability
- very good dispersion properties
- good cleaning action
- tested for the use with catalytic converters

### Approvals

ACEA A3 • ACEA B4 • ACEA E2 • API SL • API CG-4 • Allison C4 • MAN M 3275-1 • Volvo VDS

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

Caterpillar TO-2 • Mack EO-L • MB 228.3 • MB 229.1 • MTU Typ 2 • Peugeot Citroen (PSA) B71 2295

### Technical data

SAE class (engine oils)	15W-40 SAE J300
Density at 15 °C	0,87 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	100 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	14,4 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -25 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -20 °C (CCS)	≤ 7000 mPas ASTM D5293
Viscosity index	145 DIN ISO 2909
HTHS at 150°C	≥ 3,7 mPas ASTM D5481
Pour point	-33 °C DIN ISO 3016



### Technical data

Evaporation loss (Noack)	10,8 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	8,9 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color number (ASTM)	L4,5 DIN ISO 2049

### Areas of application

Universal motor oil for gasoline and indirect or direct injection diesel engines with and without exhaust gas turbocharging and with and without charge air cooling. Highly suitable for vehicles with mileages of over 100,000 km, and for use in modern gasoline, diesel and turbocharged engines.

### Application

The operating instructions of the motor vehicle and engine manufacturer must be followed.

### Available pack sizes

1 l Canister plastic	8905 BOOKLET
1 l Canister plastic	20669 ALGERIEN-GB-ARAB-F
4 l Canister plastic	2911 BOOKLET
5 l Canister plastic	1862 BOOKLET
5 l Canister plastic	20667 ALGERIEN-GB-ARAB-F
20 l Canister plastic	1298 D-GB-I-E-P
60 l Drum sheet metal	1296 D-GB
205 l Drum sheet metal	1240 D-GB

## Product information

PI 45/12/01/2021



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