

## Touring High Tech 15W-40

### Description

Mineral-based motor oil. Prevents the build-up of black sludge. Even under extreme operating conditions, it provides for a stable lubricating film. With modern wear-protection technology. Keeps engine seals such as shaft sealing rings and valve stem seals flexible and provides for minimal oil consumption. For vehicles with proven engine technology.

### 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

### Specifications / Approvals

ACEA A3/B4, E2 • API SL • API CG-4 • Allison C4 • 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 • MAN M 3275-1 • 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	0,870 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



### Technical data

Pour point	-33 °C DIN ISO 3016
Evaporation loss (Noack)	10,0 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	11,0 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

Note the operating instructions of the vehicle and engine manufacturers.

### 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 Black plate barrel	1296 D-GB

## Product information

PI 48/05/06/2024



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### Available pack sizes

205 l Black plate barrel 1240  
D-GB

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