

## Touring High Tech Diesel Special Oil SAE 15W-40



### Description

Mineral based all-season motor oil, ideal for high mileage diesel vehicles without diesel particulate filters (DPF). Allows for a stable lubricating film even under extreme operating conditions. Designed with proven wear protection technology. Keeps rubber seals such as valve stem seals, crank seals, cam seals etc. soft and pliable for low oil consumption.

### Properties

- mixable with most engine oils
- excellent cold-start behavior
- outstanding engine cleanliness
- very wear resistant
- can be used in gasoline and diesel engines with and without turbocharger
- slows oil degradation and stabilizes viscosity
- excellent dispersion properties

### Specifications and approvals:

ACEA B4 • ACEA E2 • 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

### Technical data

SAE class (engine oils)	15W-40 SAE J300
Density at 59 °F	0,870 g/cm <sup>3</sup> DIN 51757
Viscosity at 104 °F	100,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 212°F	14,4 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -13 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -4 °F (CCS)	≤ 7000 mPas ASTM D5293
Viscosity index	145 DIN ISO 2909
HTHS at 302 °F	≥ 3,7 mPas ASTM D5481
Pour point	-27 °F DIN ISO 3016

### Technical data

Evaporation loss (Noack)	10,8 % CEC-L-40-A-93
Flash point	446 °F 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

For diesel engines where a motor oil according to current specifications is required or recommended. Tested safe with catalytic converters and turbochargers.

### Application

Observe the manufacturers instructions!

### Available pack sizes

5 l Canister plastic	2044 USA AND CANADA (-EN-F-)
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**Our information is based on thorough research and may be considered reliable, although not legally binding.**