# **Product information**

PI 47/04/18/2023

# Touring High Tech Diesel Specialoil 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**

- miscible with all commercially available motor oils
- excellent cold-start behavior
- outstanding engine cleanliness
- high wear resistance
- can be used in gasoline and diesel engines with and without turbocharger
- stable to ageing and stable viscosity
- very good dispersion properties

# **Specifications / Approvals**

ACEA A3/B4, E2 • 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

#### Technical data

SAE class (engine oils) 15W-40

**SAE J300** 

Density at 59 °F 0,87 g/cm³

DIN 51757

Viscosity at 104 °F 100 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

Evaporation loss (Noack) 10,8 %

CEC-L-40-A-93



#### **Technical data**

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/100 g

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

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

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