

## Top Tec Truck 4450 SAE 15W-40

### Description

Low-SAPS, premium class heavy-duty motor oil, developed specifically to meet the high demands of modern diesel engines. The innovative additive technology guarantees best wear protection and engine cleanliness, lowest oil consumption and highest engine efficiency. Ideal for engines with diesel particulate filters (DPF) and turbochargers. Use with extended oil change intervals as per manufacturer.

### Properties

- excellent wear protection
- outstanding detergent and dispersant properties
- outstanding oil film strength
- ideal with catalytic converters
- ensures a long service life
- use with diesel particulate filters
- outstanding resistance to oxidation
- low sulfate ash, phosphorous and sulfur content (low SAPS)
- keeps the charge air cooler extremely clean

### Specifications / Approvals

ACEA E9 • API CK-4 • API SN • Cummins CES 20086 • Detroit Diesel DFS 93K222 • Ford WSS-M2C 171-F1 • Mack EOS-4.5 • MB-Approval 228.31 • Renault Trucks RLD-3 • Volvo VDS-4.5

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

ACEA E7 • Caterpillar ECF-3 • Cummins CES 20081 • Deutz DQC III-10 LA • JASO DH-2 • MAN M 3575 • MAN M 3775 • MTU Typ 2.1

### Technical data

SAE class (engine oils)	15W-40 SAE J300
Density at 59 °F	0,875 g/cm <sup>3</sup> DIN 51757
Viscosity at 104 °F	110,0 mm <sup>2</sup> /s ASTM D7042
Viscosity at 212°F	14,7 mm <sup>2</sup> /s ASTM D7042
Viscosity at -13 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -4 °F (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	135 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481



### Technical data

Pour point	-27 °F DIN ISO 3016
Evaporation loss (Noack)	10,0 % CEC-L-40-A-93
Flash point	446 °F DIN ISO 2592
Total base number	9,7 mg KOH/g DIN ISO 3771
Sulfate ash	<= 1,0 g/100g DIN 51575
Color number (ASTM)	L 3,0 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, diesel particulate filters (DPF) and turbochargers.

### Application

Observe the manufacturers instructions!

### Available pack sizes

5 l Canister plastic	22038 USA-AND-CANADA-EN-F
20 l Canister plastic	20383 USA-AND-CANADA-EN-F
60 l Black plate barrel	22133 USA-AND-CANADA-EN-F
205 l Black plate barrel	22128 USA-AND-CANADA-EN-F
1.000 l Container	22174 USA-AND-CANADA-EN-F

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