

## Top Tec Truck 4450 SAE 15W-40

### Description

In the class of standard engine oils, Top Tec Truck 4450 is among the high performance lubricants. Due to the new additive technology with improved wear protection characteristics and oxidation stability, this lubricant meets the requirements of state-of-the-art engine concepts. In addition, the ash-reduced formulation enables an improved compatibility with catalytic converters and diesel particle filters (DPF). The chosen viscosity provides excellent protection for the engine, even in extreme situations such as under high thermal and mechanical loads. Protects the exhaust after-treatment system.

### Properties

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

### Specifications and approvals:

ACEA E7 • ACEA E9 • API CJ-4 • API CK-4 • MB-Approval 228.31 • Renault Trucks RLD-3 • Renault Trucks RLD-4 • Volvo VDS-4 • 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:

Caterpillar ECF-2 • Caterpillar ECF-3 • Cummins CES 20081 • Cummins CES 20086 • Detroit Diesel DDC 93K218 • Detroit Diesel DFS 93K222 • Deutz DQC III-10 LA • Ford WSS-M2C 171-F1 • Global DHD-1 • JASO DH-2 • John Deere JDQ 78X • Mack EO-0 Premium Plus • Mack EO-S-4.5 • MAN M 3575 • MTU Typ 2.1

### Technical data

SAE class (engine oils)	15W-40 SAE J300
Density at 59 °F	0,878 g/cm <sup>3</sup> DIN 51757
Viscosity at 104 °F	107 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 212°F	14,6 mm <sup>2</sup> /s ASTM D 7042-04



### Technical data

Viscosity at -13 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -4 °F (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	141 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481
Pour point	-33 °F DIN ISO 3016
Evaporation loss (Noack)	9,5 % CEC-L-40-A-93
Flash point	460 °F DIN ISO 2592
Total base number	7,4 mg KOH/g DIN ISO 3771
Sulfate ash	<= 1,0 g/100g DIN 51575
Color number (ASTM)	L 3,5 DIN ISO 2049

### Areas of application

Meets the requirements of state-of-the-art, low-emission engine concepts. Ideal for trucks, short- and long-distance buses, as well as for forestry, agricultural, and construction machinery. Due to its good performance, this product is ideally suitable for use in state-of-the-art engines according to Euro IV, V and VI emission standards. Recommended for use in vehicles with diesel particle filter (DPF). Top Tec Truck 4450 15W-40 can be used in many vehicles without any limitations and is backwards compatible. Can be used in engines of older Euro II and III emission standards, if manufacturers' specifications are observed.

### Application

The operating regulations of the commercial motor vehicle and engine manufacturers must be followed for normal and extended oil change intervals. Recommended usage is for diesel engines only.



## Top Tec Truck 4450 SAE 15W-40

### Available pack sizes

20 l Canister plastic	3778
	D-GB-I-E-P
60 l Drum sheet metal	3779
	D-GB
205 l Drum sheet metal	3780
	D-GB
1 l Bulk goods	3781
	D-GB
1000 l Container	3717
	D-GB

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