

# ALCO Top-X Turbo

## 15W-40



## High Performance Motor Oil for Passenger Car and Commercial Vehicle Engines

### Properties and Application

**Alco Top-X Turbo 15W-40** is designed to be a high performance multigrade oil for diesel- and gasoline engines in light-duty commercial vehicles and passenger cars, the progressive features of which (lean-burn, turbo charger) are setting special requirements on the lubricant. Because of its usability even under severe conditions it represents the perfect lubricant to provide mixed-fleets.

**Alco Top-X Turbo 15W-40** is produced of mineral base oils, which, combined with modern additives and a shear-stable VI-improver lead to a lubricant, which may be applied long-term and all seasons. With the engine permanently is protected against corrosion and wear. Due to the balanced additive combination, oil-aging and sludge built-up are prevented efficiently.

### Specifications

ACEA A2-96 / B2-98 / E2-96  
API CG-4 / SJ  
VW 501.01 / 505.00  
MB 228.1 & 229.1  
Volvo VDS  
MAN 271  
MACK E0-K/2, Allison C 4, Caterpillar TO-2

### Typical Values

ALCO Top-X Turbo 15W-40	unit	value	method
Density at 15°C	kg/m <sup>3</sup>	882	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	103	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,9	DIN 51 562
Viscosity Index		135	DIN ISO 2909
CCS at -20°C	mPa.s	5710	DIN 51 377
Pourpoint	°C	-30	DIN ISO 3016
Flashpoint	°C	225	DIN ISO 2592
TBN	mg KOH/g	10,8	DIN ISO 3771

Artikel-Number : 31320

Specification variations in these characteristics may occur. The instructions of manufacturer must be regarded. Further informations to be available by MSDS.

ALCO Filter GmbH  
Auf'm Rottland 1  
D-57577 Hamm  
Tel.: 02682 / 95330  
Fax.: 02682 / 953320