



GERMAN ADLER GMBH

Kennedyallee 93

60596 Frankfurt am Main

Phone: +49 69 697 692 10

Fax: +49 69 697 962 15

info@german-adler.com

www.German-Adler.com

## PRODUCT INFORMATION **GERMAN ADLER TX SAE 15W-40**

High performance motor oil specially designed for modern heavily stressed diesel engines incl. turbo charger and mix fleet application with diesel and gasoline engines fitted in passenger cars, trucks, off-road and farm equipment.

### Description

GERMAN ADLER TX SAE 15W-40 is a high performance motor oil. The unique composition of selected base oils with a modern additive package provides its outstanding wide application range.

### Application

GERMAN ADLER TX SAE 15W-40 to be used in accordance to manufacturers filling instructions in gasoline and diesel engines of several manufacturers. Its modern conception offers a broad range of applications for mixed fleets under a wide variety of conditions.

In compliance to EEC regulations the quality of GERMAN ADLER TX SAE 15W-40 is equivalent according to the following standards / specifications:

- ACEA E7
- API CI-4/SL
- CAT ECF-1 /ECF-2
- Cummins CES 20077/-78
- DDC 93K215
- Deutz DQC III-10
- GLOBAL DHD-1
- JASO DH-1
- Mack EO-M Plus/EO-N
- MAN M 3275
- MB 228.3
- MTU Typ 2.0
- Renault RLD1/RLD2
- Volvo VDS-3

### Advantages/Benefits

- great rationalism product with multi-functional applications in diesel and gasoline engines of several manufacturers
- perfect suited for passenger cars, also as for trucks, busses, farm and off-road equipment
- combines the specifications of European, American and Japanese manufacturers
- excellently suited for turbo-charged engines
- reliably prevents from resin formation, varnishing and ring sticking of cylinders, pistons, valves and turbo chargers
- reliably all-season use
- stable lubricating film even under very hot oil temperatures and/or very high stress
- very low oil consumption and good oxidation protection

### Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m <sup>3</sup>	860	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	93	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	14,5	DIN 51 562
Viscosity index		162	DIN ISO 2909
CCS at -20°C	mPa.s	3720	DIN 51 377
Pour point	°C	-42	DIN ISO 3016
Flash point	°C	232	DIN ISO 2592
TBN	mg KOH/g	11,3	DIN ISO 3771

The above data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! The characteristic data indicated are subject to the repeatability and reproducibility of the given test methods.