

## TITAN CARGO SAE 15W-40

**Premium Performance, fuel-economy engine oil for a variety of commercial vehicle diesel engines. Specially developed for vehicles with extended service intervals, exhaust after treatment and turbocharger.**

### Description

TITAN CARGO SAE 15W-40 is a new diesel engine oil designed for commercial vehicles which meets the latest API category CK-4. The combination of state of the art additive technology with a new base oil matrix provides the highest levels of performance regarding oxidation stability, resistance to oil aeration, wear protection as well as shear stability in highly stressed commercial vehicle engines.

TITAN CARGO SAE 15W-40 is particularly advantageous in vehicles fitted with exhaust gas treatment systems such as Diesel Particulate Filters (DPF), Diesel Oxidation Catalyst (DOC), Exhaust Gas Recirculation (EGR) and SCR-catalyst or any combination of the given technologies.

### Application

TITAN CARGO SAE 15W-40 is miscible and compatible with conventional branded engine oils. However, mixing with other engine oils should be avoided in order to fully utilize the product's benefits. A complete oil change is recommended when converting to TITAN CARGO SAE 15W-40. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages/Benefits

- Excellent oxidation stability
- Outstanding shear stability
- Protection of exhaust gas treatment systems due to very low sulphated ash content
- Excellent wear protection under high load conditions
- Protection against soot-related viscosity increase

### Specifications

- ACEA E9/E7
- API CK-4/CJ-4/SN
- CAT ECF-3
- JASO DH-2

### Approvals

- ALLISON TES-439 (439-34862020)
- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- DEUTZ DQC III-18 LA
- FORD M2C171-F1
- MACK EOS-4.5
- MAN M 3775
- MB-APPROVAL 228.31
- MTU DDC TYPE 2.1
- RENAULT RLD-3
- VOLVO VDS-4.5

### FUCHS Recommendations

- MAN M 3575
- RENAULT RLD-4

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## TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.872 g/ml
SAE grade	SAE J300	15W-40
Kinematic Viscosity at 40°C	DIN 51562-1	108 mm²/s
Kinematic Viscosity at 100°C	DIN 51562-1	14.4 mm²/s
Viscosity Index	DIN ISO 2909	136
HTHS	CEC L-036-90	≥ 3.5 mPa*s
Pour Point	DIN ISO 3016	-39 °C
Sulphated ash	DIN 51575	1.0 Gew.%
Product dyeing	DIN 10964	none

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