

## TITAN CARGO SAE 10W-30

Ultra High Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.

### Description

TITAN CARGO SAE 10W-30 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 10W-30 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 10W-30 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 10W-30. 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
- CAT ECF-3
- JASO DH-2

### Approvals

- CUMMINS CES 20086
- 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

- DETROIT DIESEL 93K222
- MAN M 3575
- RENAULT RLD-4

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## TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.870 g/ml
SAE grade	SAE J300	10W-30
Kinematic Viscosity at 40°C	DIN 51562-1	76.08 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	DIN 51562-1	11.37 mm <sup>2</sup> /s
Viscosity Index	DIN ISO 2909	141
HTHS	CEC L-036-90	≥ 3.5 mPa*s
Pour Point	DIN ISO 3016	-42 °C
Sulphated ash	ASTM D874	≤ 1.0 % m/m
Product dyeing	DIN 10964	none

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**FUCHS LUBRICANTS (UK) PLC**  
New Century Street, Hanley  
GB-Stoke-on-Trent, Staffordshire, ST1 5HU

Tel +44-1782 -20 37 00  
Fax +44-1782 -20 20 73  
contact-uk@fuchs-oil.com



Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products