

## TITAN CARGO LD3 SAE 10W-40

Ultra High Performance, fuel-economy engine oil for use in Scania Euro VI vehicles.  
Specially developed for extended service intervals.

### Description

TITAN CARGO LD3 10W-40 is an Ultra High Performance fuel economy engine oil for Scania Euro IV and Euro V engines without diesel particulate filter as well as for Scania Euro VI engines. The SAE Class 10W-40 ensures reliable all-season use. Suitable for the longest oil change intervals.

### Application

TITAN CARGO LD3 10W-40 has a higher performance capacity than the usual high-performance engine oils. Internationally, this type of oil is designated as UHPD (UHPD = Ultra High Performance Diesel Oil). Regardless of the current service life, even older diesel engines can be changed over to TITAN CARGO LD3 10W-40 without flushing. Protects against corrosion even when high sulphur-content diesel fuels are used. The performance of TITAN CARGO LD3 10W-40 makes extremely long oil change intervals possible based on the truck manufacturer's recommendations. According Scania fluids specification LDF3, an extended oil change interval is guaranteed for trucks in long-distance and local use for the Scania engine series. TITAN CARGO LD3 10W-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 LD3 10W-40. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages/Benefits

- Reduced fuel consumption due to fuel-economy characteristics.
- High wear protection even under continuous stress at full engine load. Protects against mirror surface formation on cylinder races.
- Fastest possible oil circulation after start; this reduces cold-start and warm-up wear.
- Reduces exhaust gas particulates.
- Reliable protection against deposits, sludge and adhesion during extremely high thermal stress and stop-and-start driving.
- Optimum compatibility with seal materials.
- Environmentally friendly due to the longest oil change intervals and low evaporation losses.

### Specifications

- ACEA E7/E4

### Approvals

- MACK EO-N
- MAN M 3277
- MB-APPROVAL 228.5
- RENAULT RLD-2
- SCANIA LDF-3
- VOLVO VDS-3

### FUCHS Recommendations

- API CF
- SCANIA LDF-2

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## TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.865 g/ml
SAE grade	SAE J300	10W-40
Kinematic Viscosity at 40°C	DIN 51562-1	85.7 mm²/s
Kinematic Viscosity at 100°C	DIN 51562-1	12.9 mm²/s
Viscosity index	DIN ISO 2909	150
HTHS	CEC L-036-90	≥ 3.5 mPa*s
Pour Point	DIN ISO 3016	-36 °C
Sulphated ash	ASTM D874	≤ 2.0 % m/m
Product dyeing	DIN 10964	none

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