



## TITAN CARGO MC SAE 10W-40

**Top Performance, fuel-economy oil for a variety of commercial vehicle diesel engines. Specially developed for extended service intervals. Good cold starting and lower oil consumption.**

### Description

TITAN CARGO MC is a super long-life, fuel-economy engine oil for all diesel engines with and without turbocharger in trucks, buses and industrial machinery. The SAE Class 10W-40 ensures reliable all-season use. Suitable for the longest oil change intervals.

### Application

TITAN CARGO MC 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 MC without flushing. It protects against corrosion even when high sulfur-content diesel fuels are used. The performance of TITAN CARGO MC makes extremely long oil change intervals possible based on the truck manufacturer's recommendations. According to the new Mercedes Benz fluids specifications MB APPROVAL 228.5, an extended oil change interval is guaranteed for trucks in long distance and local use for the 900 and 500 engine series. Used TITAN CARGO MC is classified as "Waste Oil Category 1". Please dispose of it accordingly.

### 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
- API CI-4

### Approvals

- CUMMINS CES 20077/8
- DEUTZ DQC III-10
- MAN M 3277
- MB-APPROVAL 228.5
- MTU DDC TYPE-3
- RENAULT RXD/RLD-2
- MACK EO-M PLUS
- VOLVO VDS-3

### FUCHS Recommendations

- DAF
- IVECO 18-1804
- SCANIA LDF-2
- SDFG OM-1901A





## CHARACTERISTICS

Density @ 35 °C	0,862	g/ml	ASTM D 4052
Flash Point, CoC	174	°C	ASTM D 92
Pour Point	-42	°C	ASTM D 97
Kinematic Viscosity @ 40 °C	108	mm <sup>2</sup> /s	ASTM D 445
Kinematic Viscosity @ 100 °C	14,6	mm <sup>2</sup> /s	ASTM D 445
Viscosity Index	139	-	ASTM D 2270
Dynamic Viscosity @ - 25°C	6400	cP	ASTM D 5293
TBN	12	mg KOH/g	ASTM D 2896

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

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