

TITAN SUPERGEAR MC SAE 80W-90

Super High Performance Gear Oil based on MC-Synthesis for extended oil change intervals.

Description

TITAN SUPERGEAR MC SAE 80W-90 is a multi-grade fluid SAE 80W-90 and is designed for multi-functional use in transmissions and hypoid drives.

Application

TITAN SUPERGEAR MC SAE 80W-90 is miscible and compatible with conventional branded gear oils. However, mixing with other gear oils should be avoided in order to fully utilize the product's benefits. A complete oil change is recommended when converting to TITAN SUPERGEAR MC SAE 80W-90. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Universal applicability
- True all-season suitability even under unfavourable climatic conditions.
- Very good shifting and lubrication with even with cold oil
- lower cold temperature viscosity in comparison to oils SAE 90 and/or SAE 85W / 85W-90. This provides less "cold wear" in addition to good shifting characteristics and fast lubrication.
- Stable lubricating film even with very hot oil and/or very high stresses. In addition to low wear, this also results in less transmission operation noise.
- very good shear stability
- protects against foaming, even at high engine speeds.

Specifications

- API GL-4/GL-5
- SCANIA STO 1:0

Approvals

- MAN 341 TYPE Z2
- MAN 342 TYPE M2
- MB-APPROVAL 235.0
- ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17H, 19B, 21A (ZF000722)

FUCHS Recommendations

- CASE MS 1316
- FORD WSP-M2C197-A
- JOHN DEERE JDM J11E
- MAN M 3343 TYPE M
- MAN 341 TYPE E2
- NH 520A
- SDFG OP 1705
- STEYR B-101
- VOLVO 97310
- ZF TE-ML 07, 08

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.898 g/ml
Flash Point, CoC	DIN ISO 2592	200 °C
Pour Point	DIN ISO 3016	-27 °C
Neutralization Number	FLV-N7 / DIN 51558	1.1 mgKOH/g
Foaming Tendency Seq. I/II/III	ASTM D 892	0/0 ; 0/0 ; 0/0 ml
Dynamic Viscosity at – 26°C	DIN 51398	80,000 mPas
Kinematic Viscosity at 40°C	DIN 51562-1	142 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	15.6 mm ² /s

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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