



TITAN SUPERGEAR MC SAE 80W-90

Super high-performance gear oil based on MC-synthesis for extended oil change intervals.

Description

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

Application

TITAN SUPERGEAR MC 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 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 unfavorable 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 M 3343 TYPE M
- MAN 341 TYPE E2
- MAN 341 TYPE Z2
- MAN 342 TYPE M2
- MB-FREIGABE 235.0/MB-APPROVAL 235.0
- ZF TE-ML 02B, 05A, 12E, 16B, 17B, 19B, 21A

FUCHS Recommendations

- CASE MS 1316
- FORD M2C197-A
- JOHN DEERE JDM J 11 E
- NH 520 A
- SDFG OP 1705
- STEYR B-101
- ZF TE-ML 07, 08

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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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