



## TITAN SUPERGEAR 80W-90

Super high-performance gear oil for extended oil change intervals.

### Description

TITAN SUPERGEAR 80W-90 is a mineral universal gear oil for use in manual transmissions and axle gearboxes in both passenger cars and commercial vehicles.

### Application

TITAN SUPERGEAR 80W-90 is miscible and compatible with conventional gear oils. In order to utilize the full advantages of TITAN SUPERGEAR 80W-90 a full drain and exchange of the fluid is recommended.

### Advantages/Benefits

- TITAN SUPERGEAR 80W-90 provides good cold flow properties. This supports easy cold starting and easy shifting in the warm-up period. Improved lubrication and excellent protection against wear even during short-distance winter operation.
- TITAN SUPERGEAR 80W-90 creates stable lubricant film capable of withstanding severe loads.
- Due to the significant shear stability of TITAN SUPERGEAR 80W-90, the oil remains within the 80W-90 viscosity range even after very long periods of use.
- The good corrosion protection provided by TITAN SUPERGEAR 80W-90 protects against rust and attacking of non-ferrous metals.

### Specifications/Approvals

- API GL-4 / GL-5
- MAN 342 Type M2
- ZF TE-ML 05A / 12E / 16B / 17B / 19B

### FUCHS Recommendations

- MIL-L-2105 D

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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 products.



## CHARACTERISTICS

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Density at 15 °C	DIN 51757	0.890 g/ml
Colour	DIN ISO 2049	1.5 ASTM
Flash Point, CoC	DIN ISO 2592	220 °C
Pour Point	DIN ISO 3016	-27 °C
Neutralization Number	FLV-N7 / DIN 51558	1.0 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	62,000 mPas
Kinematic Viscosity at 40°C	DIN 51562-1	134 mm²/s
Kinematic Viscosity at 100°C	DIN 51562-1	14.4 mm²/s
Viscosity Index	DIN ISO 2909	108

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