

## TITAN SUPERGEAR LS SAE 80W-90

High Performance LS (Limited Slip) hypoid gear oil for axles with or without a limited slip differential.

### Description

TITAN SUPERGEAR LS SAE 80W-90 is a high-performance gear oil in the viscosity class SAE 80W-90 for use in commercial vehicle axles with or without limited slip differentials. Through the additive technology which is used in TITAN SUPERGEAR LS SAE 80W-90, the minimum phosphor content of 1900 ppm is easily achieved.

### Application

TITAN SUPERGEAR LS SAE 80W-90 fulfils the wear protection requirements of API GL-5 meaning that it is suitable for use in even the most highly loaded hypoid gear axles. Through the use of LS-Additives (Limited Slip) in the additive formulation it is also especially suited for use in gearboxes with a limited slip differential. TITAN SUPERGEAR LS SAE 80W-90 ensures under all operating conditions a faultless function of the limited slip differential for the service lifetime of the component.

TITAN SUPERGEAR LS 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 products benefits. A complete oil change is recommended when converting to TITAN SUPERGEAR LS SAE 80W-90. Homogenize before use.

For information on product safety and proper disposal please refer to the latest Safety Data Sheet.

### Advantages/Benefits

- Great durability against shearing and ageing
- Avoids effectively unpleasant rattling and squeaking noises
- Reduces the gearbox oil temperature even when under difficult operating conditions
- Longest change intervals
- Compatible with many materials for shaft seals and other sealing components
- Highest pressure absorption capacity
- No deposits through extremely good high temperature stability

### Specifications

- API GL-5
- SAE J306: 80W-90

### Approvals

- ZF TE-ML 05N, 21N (ZF008289)

### FUCHS Recommendations

- MIL-L-2105 D
- FORD M2C104-A
- JOHN DEERE JDM J11F
- NH 520B
- VOLVO 97310

PI60928e, PMA, 16.02.2023, Page 1

## TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.88 g/ml
SAE-class	SAE J306	80W-90
Kinematic Viscosity at 40°C	DIN 51562-1	121.2 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	DIN 51562-1	14.1 mm <sup>2</sup> /s
Viskositätsindex	DIN ISO 2909	116
Pourpoint	DIN ISO 3016	-36°C
Product dyeing	DIN 10964	-

PI60928e, PMA, 16.02.2023, Page 2