



# NAVIGATOR LSD 80W-90

## Description

It is an extreme pressure multigrade oil lubricant, recommended for use in limited slip differentials and drive axles for public works vehicles and four-wheel-drive all-terrain vehicles where fluids with LSD (limited slip differential) characteristics are needed. They may also be used in non-limited slip differentials which require an API GL-5 quality level.

## Properties

- It incorporates a friction modifier that ensures the proper functioning of the vehicle's locking system.
- Proven effectiveness in severe conditions of high loads and abrupt decelerations, where the gears are subjected to heavy wear.
- High corrosion resistance demonstrated in trials conducted in the presence of water and high temperatures.
- Prevents foaming and ensures proper lubrication of components, avoiding premature wear.
- Its additivation incorporates technology backed by thousands of miles of trouble-free operation.

## Quality levels, approvals and recommendations

- ZF TE-ML: 05C, 21C\*
- MIL-L-2105D
- API: GL-5, LSD
- \*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			80W-90
Density at 15 °C	g/cm3	ASTM D4052	0.898
Kinematic viscosity at 100 °C	cSt	ASTM D445	16.3
Kinematic viscosity at 40 °C	cSt	ASTM D445	150
Brookfield Viscosity at -26 °C	cP	ASTM D2983	<150,000
Viscosity index		ASTM D2270	113
Flash point, open cup	°C	ASTM D92	>180
Pour point	°C	ASTM D97	-30
FZG (A/8,3/90): Failure load stage		ISO 14635	>12
4 Ball EP, wear load index		ASTM D2783	>50

The above mentioned characteristics are typical values and should not be considered product specifications.