



# GERION STR

LUBRICANTS FOR GEARBOXES AND AXLES

## TRANSMISSION RANGE

GEARBOXES and AXLES  
SEMI-SYNTHETIC  
SAE 80W-90 and 85W-140

Mineral

Semi-  
synthetic100%  
synthetic

## STANDARDS AND SPECIFICATIONS

API GL-5  
ZF TE-ML 21A  
ZF TE-ML 16B, 17B, 19B (80W-90)

Oxidation resistance



Shear stability



Extreme-pressure level



## APPLICATIONS

**GERION STR** are semi-synthetic extreme pressure oils recommended for lubricating gears subjected to high loads, equipping industrial vehicles, public works machinery and agricultural equipment, for which an API GL5 level lubricant is required.

**GERION STR 80W90** allows the oil change interval to be extended up to 160,000km (MAN 342-M2)

## BENEFITS

- Anti-wear and Extreme Pressure properties reinforced
- Compatibility with non-ferrous metals
- Good thermal stability
- Parts cleanliness
- Protection against high-temperature oxidation
- Excellent anti-foam properties

## PERFORMANCES

LEVELS PERFORMANCE	80W-90	85W-140
	API GL-5 MIL-L2105 D, E MAN 342-M2 / M-1 MB 235.6 / 235.0 VOLVO 97321 ZF TE-ML 05A, 07A, 08, 12E, 16B, 16C, 17B, 19B, 21A	API GL-5 MIL-L2105 D, E    ZF TE-ML 05A, 07A, 08, 16C, 21A



## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA	
SAE grade	-	-	80W-90	85W-140
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	0.884	0.908
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	136	391.2
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	14.5	28.7
Viscosity index	-	NF T 60-136	105	101
Brookfield viscosity at -26°C	mPa.s	NF T 60-152	118 660	77 887
Pour point	°C	NF T 60-105	-33	-21
Flash point	°C	NF T 60-118	196	200

*The above data are provided on an indicative basis only.*

## HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with the rules governing the disposal of used lubricants.

**Must be stored away from bad weather conditions.**

For further details, our Technical Department is available to assist you.