

MAXIGEAR 90 LS PLUS

DESCRIPTION:

High performance lubricant multi-grade gear oil. Formulated with specially selected, state of the art compounds and LS (Limited Slip) additives.

PROPERTIES AND ADVANTAGES:

- ✓ Far superior performance when compared to conventional gear oils, with oil change periods from 500 up to 1,500 hours of functioning (this varies according to the type of load and work).
- ✓ Noise and vibration reduction at lubricated points, thanks to the friction-modifying additive.
- ✓ Offers a high level of protection against component wear, reducing replacement and maintenance costs.
- ✓ Compatible with elastomeres (joints and seals).
- ✓ Provides excellent load-bearing capability, considerably reducing losses to friction.
- ✓ Excellent resistance to thermal degradation. High lubricity and anti-corrosion protection.
- ✓ Reduced formation of deposits, keeping the gears in an optimal state of cleanliness.
- ✓ Thanks to its light multi-grade properties, it can stand in for gear oils with viscosity SAE 90, SAE 85W90.

APPLICATIONS:

- ✓ Especially designed to lubricate self-locking differentials with limited slip.
- ✓ Axles, drive shaft, and group differentials with hypoid drive.
- ✓ Gears subjected to extremes of load and temperature.
- ✓ Especially recommended in heavy equipment and all-terrain 4x4 vehicles.
- ✓ Front axles in tractors and transmissions in combine harvesters.

SPECIFICATIONS:

API GL-5 (LS)
ZF TE ML 05 C / 12C / 16 E / 21C (Limited Slip)
MIL-L-2105D

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J306	85W90-90
Density at 15 °C (kg/l)	ASTM D-4052	0.900
Cinematic viscosity at 100°C (cSt)	D-445	15 - 17
Dynamic viscosity at -12C, max. (cP)	ASTM D-2983	150000
Pour point (°C)	ASTM D-97	< -12
Flash point (°C)	ASTM D-92	> 220

REMARKS:

This product is not suitable for oil-immersed brakes in heavy machinery, or manual gearboxes in light or heavy vehicles. The system of additives which has been used provides inadequate frictional properties for this type of application.

PRESENTATION:

1L, 20L jerry can, 200L drum and 1000L IBC container.