



# Petre Gear Oil LS 80W-90

## APPLICATIONS

Petre Gear Oil LS 80W-90 is a specially formulated extreme pressure gear oil for use in limited slip differentials.

The introduction of the limited slip differential introduced further requirements for lubricants. The use of multi-purpose gear oils did not prevent the chatter and slip stick operation of the clutches.

Petre Gear OIL LS 80W-90 gear oil is manufactured from high quality base oils, performance EP additives and specially selected friction modifiers to provide a lubricant with the exacting requirements for limited slip operations, and is suitable for limited slip differentials fitted to cars, vans, trucks, buses and agricultural and construction equipment

## SPECIFICATIONS

- SAE 80W-90
- API GL-5
- MIL-L-2105 D

## ADVANTAGES

- Reduces whining and chattering
- Excellent high temperature stability
- Ensures clutches slide smoothly
- Extreme pressure properties

## TYPICAL CHARACTERISTICS

TEST	UNITS	Method	Value
Viscosity Grade			80w90
Specific Gravity@15.6°C			0.890
Viscosity @ 40°C	mm <sup>2</sup> /s	ASTM D 445	156.07
Viscosity @ 100°C	Mm <sup>2</sup> /s	ASTM D 445	15.71
Viscosity index		ASTM D 2270	103
Flash Point	°C		225
Pour point	°C		-23
Appearance			Amber

The features mentioned above are average values obtained with some variability in production and do not constitute a specification

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements

The product should not be stored at a temperature above 60 °C. Exposure to strong sunlight, extreme cold or high temperature variations must be avoided.

All packages should be protected from bad weather conditions. The drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label

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