

Product Information 02.10.40

23-04-2024

Econogear LS 80W-90

Description

Econogear LS 80W-90 is a mineral hypoid transmission oil with limited slip additives. High quality mineral base oils and special 'Extreme Pressure' and 'Limited Slip' additives give the product the following properties:

- Outstanding resistance to oxidation
- Very high resistance to wear, corrosion and foaming
- A low pour point and high viscosity index which results in effective fluidity at low temperatures
- Excellent 'Extreme Pressure' properties
- Very good 'Limited Slip' properties prevent squealing and squeaking with wet clutch engagement.

Application

Econogear LS 80W-90 is a mineral hypoid 'Limited Slip' transmission oil. This product has been specially developed for use in various 'Limited Slip' and self-locking hypoid transmissions such as limited slip differentials, transfer cases and final drives where the manufacturer prescribes an API GL-5 LS oil. For heavily loaded earthmoving machines, where the manufacturer has an additional requirement of a minimum phosphorus content of 2,000 ppm, we recommend using our product Gearlube LS 80W-90.

Specifications

API GL-5 Limited Slip

Typicals

Density at 15 °C, kg/l	0,895
Viscosity 40 °C, mm ² /s	142,00
Viscosity 100 °C, mm ² /s	14,70
Viscosity Index	96
Flash Point COC, °C	224
Pour Point, °C	-30
Total Base Number, mgKOH/g	2,0

Available packagings



37545
15 L Bag in
Box



37132
20 L Bag in
Box



37133
20 L pail



37134
60 L drum



37135
208 L drum

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.