TECHNICAL DATA SHEET/ OILY GEAR GL-5 LS 80W-90

Product description

OILY Gear GL-5 80W-90 Limited Slip Oil is a premium quality, multipurpose gear lubricant containing sulphur-phosphorus EP additives developed to meet the rigorous demands of commercial-feet manual transmissions, drive axles and final drives.

Application

This product is also suitable for similar components of farm and earth moving equipment and passenger cars. When properly applied at the intervals recommended by car manufacturers, this oil complies with new car warranty requirements.

OILY GEAR GL-5 Limited Slip 80W-90 is recommended for smooth efficient operation of limited slip (LS) differentials.

Features & Benefits

OILY GEAR GL-5 Limited Slip 80W-90 has the following features and benefits:

1. Resistance to high temperature oxidation
2. Multipurpose capability minimises misapplication
3. Protection against wear and scoring under all operating conditions including high torque - shock loading
4. Protection against rust and corrosion in wet operating conditions

OILY GEAR GL-5 Limited Slip 80W-90 is suitable for initial fill, top-up and refill of manual gearboxes, gear-cases of semi-automatic transmission where EP gear oils are recommended, as well as drive axles and final drives of passenger cars, bakkies trucks and earth moving, mine and farm equipment.

The exceptional chemical and thermal stability of this oil permits its use at intermittent bulk oil temperature up to 150° C with appropriate drain and refill schedules.

Typical Properties

Property	Unit	Typical value
Viscosity	cST @ 100°C	14.17
Brookfield Viscosity @ -26C	cPs	123200

Performance claims

- ZF TE-ML 05C
- ZF TE-ML 12C
- ZF TE-ML 16E
- ZF TE-ML 21C
- ARVIN MERITOR AXLES
- GM 9985412
- GM 9985380

Storage and handling

Use PVC, nitrile or other oil-resistant gloves and protective clothing to prevent skin contact. Where eye contact is a potential hazard, goggles should be worn.

Avoid temperatures above 80°C and strong oxidizing agents.

Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over outdoor storage areas are acceptable.

Avoid entering areas where mists or vapours have built up as a result of abnormal temperatures or pressures without the proper breathing equipment and protective clothing.

Notes

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by OILY for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

GEAR LS
80W-90