



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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## PRODUCT DATA SHEET

### Gear Oil GL-4 75W/85

#### PRODUCT DESCRIPTION

**Hi-Tec Gear Oil GL-4 75W/85** is an API GL-4 gear lubricant specially recommended for manual transmissions and transaxles, automotive axles with hypoid gears operating under low to moderate loads, and spiral bevel gears operating at moderate to severe loads.

**Hi-Tec Gear Oil GL-4 75W/85** is a low viscosity product designed to minimize the problems of shift baulking at low temperatures and excessive noise when the oil is hot.

**Hi-Tec Gear Oil GL-4 75W/85** is specifically designed to provide very much improved:

- Oil seal life due to seal compatibility
- Durability due to good EP performance
- Corrosion protection of yellow metals under both wet and dry conditions
- Demulsibility allowing the oil to release any water that has entered the gearbox

Special oxidation resistant severely hydro-treated base oils combined with high performance extreme pressure additives are formulated into **Hi-Tec Gear Oil GL-4 75W/85** to ensure long service life to transmissions and drive lines.

The “stay on” properties of **Hi-Tec Gear Oil GL-4 75W/85** effectively quieten transmission drive line noise tendencies under conditions of low speed high torque, high speed low torque and shock loading.

The foam inhibitors used in **Hi-Tec Gear Oil GL-4 75W/85** avoid the natural tendency of transmissions to develop foam. Foam is undesirable because it causes oil film breakdown, promoting ineffective gear lubrication with resultant premature wear.

#### APPLICATIONS

**Hi-Tec Gear Oil GL-4 75W/85** is suitable for use in GMH, Daihatsu, Mitsubishi, Nissan, Toyota, Hyundai, Kia, Proton and other transmissions and transaxles requiring an API GL-4 SAE 75W/85 gear lubricant.

It is also suitable for use in steering systems (non-power-assisted) for cars, commercial vehicles and off-road vehicles requiring the ZF TE-ML 08 performance level.

#### PERFORMANCE LEVELS

**Hi-Tec Gear Oil GL-4 75W/85** meets the following performance levels:

API GL-4

ZF TE-ML 08



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### TYPICAL PROPERTIES

### GEAR OIL GL-4 75W/85

Density, Kg/Lt @ 15°C	0.873
Viscosity, cSt @ 40°C	84.5
@ 100°C	12.5
Viscosity Index	145
Pour Point, °C	-35
Copper Strip Corrosion 3 hours at 100°C	1b
Flash Point, COC, °C	>150
Foaming Characteristics – Sequence 1, 2, and 3 after Settling	Nil
Phosphorus, % wt	0.020
Nitrogen, % wt	0.015
Sulphur*, % wt	0.69

\* Excludes sulphur due to base oil.

**Available In:** 1Lt, 4Lt, 20Lt, 60Lt and 200Lt

**Product Code:** HI4-2471

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner. Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

**Effective:** August 2014

**Expires:** August 2016

GH418031/1



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