



## PRODUCT DATA SHEET

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

#### PRODUCT DESCRIPTION

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

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

- Oil seal life due to seal compatibility
- Durability due to excellent 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 **Gear Oil 75W/85 GL-4** to ensure long service life to transmissions and drive lines. Its 'stay-on' properties 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 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

**Gear Oil 75W/85 GL-4** 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.

#### SPECIFICATIONS

**Gear Oil 75W/85 GL-4** meets or exceeds the following demanding performance requirements:

- API GL-4
- ZF TE-ML 08

Always consult your vehicle owner's manual for the manufacturer's lubricant recommendations.

#### TYPICAL PROPERTIES

Property	Results
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 @ 100°C	1b
Flash Point; COC (°C)	>150
Foam Formation (after settling) – Sequence I, II, III	Nil
Phosphorus (% wt)	0.020
Nitrogen (% wt)	0.015
Sulphur (% wt)*	0.69

\*Excludes sulphur due to base oil.





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## PRODUCT DATA SHEET

**Available In:** Bulk, 200 Litres, 60 Litres, 20 Litres and 4 Litres

"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)"

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