



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

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# PRODUCT DATA SHEET

## EXTREME SEMI-SYN GEAR OIL GL5 75W90

### PRODUCT DESCRIPTION

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** is a superior new generation gear oil for the lubrication of car, truck and tractor differentials and other final drives, transfer and steering gearboxes and manual transmissions.

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** is designed to provide

- Excellent thermal and oxidative stability
- Much improved oil seal life
- Much improved durability (Gear surface life)
- Much improved corrosion protection to yellow metals under both wet and dry conditions.

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** has special oxidation resistant paraffinic and hydro treated base oils combined with high performance extreme pressure (EP), anti corrosion and antifoaming additives, all formulated to help ensure long service life to transmissions and drive lines.

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** uses the characteristics of these components to address the current strains put on modern gear oils:

- Change in vehicle aerodynamics
- Wider use of driveline retarders
- Increased "Power Density" for transmission and rear axles
- Extended slow speeds and high loads
- Higher ambient temperatures
- Higher horsepower
- Extended warranties/reduced maintenance etc.

### SPECIFICATIONS

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** meets API service classification GL5, ZF TE-ML 07A and ZF TE-ML 08 and meets the performance requirements of the U.S. Military specification MIL-L-2105D.

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** is recommended for initial and service fill and top-up of car, truck and tractor manual transmissions, differentials, final drives and transfer and steering gearboxes.

**Hi-Tec Extreme Semi-Syn Gear Oil GL5 75W90** is also suitable for use in hydrostatic-mechanical and electric drive systems (see ZF TE-ML 07A), and steering systems (non-power-assisted) for cars, commercial vehicles and off-road vehicles (see ZF TE-ML 08).



AUSTRALIAN FAMILY OWNED SINCE 1989





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### PROPERTY

Appearance  
Density, kg/ltr at 15°C  
Viscosity, cSt at 40°C  
cSt at 100°C  
Viscosity Index  
Pour Point °C  
Copper Strip Corrosion, 3 hours at 100°C  
Flash Point, COC, °C  
Foaming characteristics -  
Sequence 1, 2, and 3 after Settling  
Phosphorus, % wt  
Nitrogen, % wt

### RESULT

Natural  
0.862  
103  
14.5  
145  
-42  
1b  
230  
Nil  
0.040  
0.029

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purposes".

**Item Code:** HI4-2426

**Available in:** 200Litres, 60Litres, 20Litres, 4Litres, 1Litre

**Effective:** August 2014

**Expires:** August 2016

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