



# PRODUCT DATA SHEET

## LS GEAR OILS SAE 90 & SAE 85W/140

### PRODUCT DESCRIPTION

Hi-Tec LS Gear Oils SAE 90 and SAE 85W/140 are superior gear oils with special limited slip properties to enhance differential performance.

Hi-Tec LS Gear Oils SAE 90 and SAE 85W/140 are specifically designed to provide very much improved:

- Oil seal life
- Durability (Gear surface life)
- Corrosion protection to yellow metals under both wet and dry conditions
- Limited slip differential performance

Special oxidation resistant paraffinic base oils combined with high performance extreme pressure and limited slip additives are formulated into Hi-Tec LS Gear Oils SAE 90 and SAE 85W/140 to ensure long service life to transmission drive lines.

**GEAR TRAIN RATTLE & NOISES ELIMINATED:** The “stay on” properties of Hi-Tec LS Gear Oils SAE 90 and SAE 85W/140 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 LS Gear Oils SAE 90 and SAE 85W/140 avoid the natural tendency of lubricants to develop foam in transmissions. Foam is undesirable because it promotes ineffective gear lubrication with resultant premature wear.

Hi-Tec LS Gear Oils SAE 90 and SAE 85W/140 are recommended for OEM initial fill and service fill of conventional and limited slip car, truck and tractor differentials and other final drives, transfer cases and steering gearboxes and manual transmissions under light and heavy operational conditions.

### SPECIFICATIONS

Hi-Tec LS Gear Oils SAE 90 and SAE 85W/140 meet the following performance requirements:  
API service GL5  
US Military Specification MIL-L-2105D.



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

5 Tarlington Place Smithfield NSW 2164

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

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## TYPICAL PROPERTIES

Product	<u>LS 90</u>	<u>LS 85W/140</u>
Product Code	HI4-2442	HI4-2450
Density, Kg/Lt at 15°C	0.890	0.908
Viscosity, cSt at 40°C	153	335
at 100°C	15.5	25.5
Viscosity Index	103	99
Pour Point °C	-33	-24
Copper Strip Corrosion, 3 hours at 100°C	1b	1b
Flash Point, COC, °C	226	251
Foaming Characteristics -		
Sequence 1, After Settling	Nil	Nil
Sequence 2, After Settling	Nil	Nil
Sequence 3, After Settling	Nil	Nil
Thermal Oxidation Stability (CRC L60)	Pass	Pass

**Available in:** 200 Litres, 60 Litres, 20 Litres, 2.5 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)"

**Effective:** July 2014

**Expires:** July 2016

GH417022/1



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