



## Product Information

# LIMSLIP 90, 85W-140 AND 140

Premium extreme pressure automotive gear oils meeting the requirements of API GL-5, obsolete GL-6 and the proposed PG-2 category.

### APPLICATION

Designed for use in limited slip (or spin resistant) rear axles on passenger cars, light commercials, 4WDs and on- and off- highway truck and construction equipment.

- Penrite Limslip 90 is also suitable for use in conventional hypoid rear axles.

For consistent high temperature or extreme high load operation such as heavy towing, Penrite SIN Gear Oil 75 should be used.

- Penrite Limslip 85W-140 is also suitable for use in conventional hypoid rear axles.
- Penrite Limslip 140 is particularly recommended in higher ambient conditions, or for quietening noisy differentials where the noise is due to wear, thus prolonging the life of the unit before rebuild is required.

Penrite Limslip 140 is also suitable for use in conventional hypoid rear axles.

For consistent high temperature or extreme high load operation such as heavy towing, Penrite SIN Gear Oil 80 should be used

### CUSTOMER BENEFITS

- Superior thermal stability, maintaining cleanliness of critical parts thus extending the life of the components.
- Superior protection against scoring and spalling wear which can occur under repeated shock load conditions.
- Quiet, shudder free operation due to use of selected friction modifiers.

### INDUSTRY SPECIFICATIONS

MIL-L-PRF-2105E                      MIL-L-2105D  
API GL-5/GL-6/MT-1/PG-2      Mack GO-J  
Ford ESW-FM2C-1006-B,      M2C-105A, M2C-104A  
BTR 5M-31  
Holden HN 1561, 1187, 1386  
ZF TE-ML05                              Nissan (SAE 140)

## Typical Properties

	90	85W-140	140
Density at 15°C, kg/L	0.881	0.914	0.914
Viscosity, Kinematic, cSt			
at 40°C	163	363	448
at 100°C	16.7	26.7	30.2
Viscosity Index	109	98	96
Viscosity, Brookfield, cP at -26°C	43,650	NA	NA
Viscosity, Brookfield, cP @ -12 °C	NA	58,500	619,500
Pour Point, °C	-27	-9	-9
Colour	Blue	Blue	Blue
Phosphorus, mass %	0.117	0.099	0.099

Penrite Oil Company Pty Ltd  
ABN 25 005 001 525  
Ph: 1300 PENRITE (1300 736 748)  
Int: 61 3 980 1 0877  
Email: penrite@penriteoil.com  
www.penriteoil.com.au

### ENVIRONMENT, HEALTH AND SAFETY

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture. Issued May 2009