



# LIMSLIP 90, 85W-140, 140

*Codes: LIM90001, LIM900025, LIM90020, LIM90060, LIM90205  
LIM85140001, LIM851400025, LIM85140020, LIM85140060, LIM85140205  
LIM140001, LIM1400025, LIM140020, LIM140060, LIM140205*

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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.

All Penrite Limslip oils may be used 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 where Limslip 90 is normally recommended.

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.

For consistent high temperature or extreme high load operation such as heavy towing, Penrite SIN Gear Oil 80 should be used where Limslip 85W-140 is normally recommended.

## 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	APIGL-5/GL-6/MT-1/PG-2	Nissan (SAE 140)
Ford ESW-FM2C-1006-B	Ford M2C-105A, M2C-104A	BTR 5M -31	Holden HN 1561, 1187, 1386
ZF TE-ML05			

## Typical Data

Product	Limslip 90	Limslip 85W-140	Limslip 140
Density at 40°C	0.901	0.912	0.913
Viscosity, Kinematic, cSt			
at 40°C	148	371	475
at 100°C	15.2	27.2	31.5
Viscosity Index	103	98	97
Viscosity, Brookfield, cSt at-26°C	136,000	NA	NA
Viscosity, Brookfield, cSt at-12°C	NA	52,900	NA
Colour	Blue	Blue	Blue
Phosphorus, mass %	0.099	0.099	0.117



Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. A MSDS is available on request.

**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
Victoria AUSTRALIA 3152, ABN 25 005 001 525

Enquiries: Phone 1300-PENRITE (1300 736 7483)

Fax: 1800-PENRITE (1800 736 7483)

International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977

**New Zealand** Ph: 0800 533 698, Fax: 0508 736 748

**United Kingdom and EU** Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234

Website: [www.penriteoil.com](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)

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