



Product Information

SIN MANUAL TRANS

Premium performance, synthetic performance oil manufactured from a blend of carefully selected hydrocracked and synthetic base oils. It uses the latest technology, purpose designed manual transmission additives for long service life. It contains a unique viscosity modifier for stay-in-grade performance for the life of the drain. It meets the requirements of API GL-4 Plus and SAE 75W-85.

APPLICATIONS

Manual transmissions and transaxles in vehicles that specify SAE 75W-85 oils (such as Mitsubishi).

It is also ideal in vehicles (including motorcycles) that require API GL-4 SAE 75W-80 or 10W-30 engine oils that are operating in highly loaded conditions such as in competition or when towing.

For vehicles that normally use GL-4 80W oils or 80W-85 oils that are having cold shift problems, the lower start up viscosity of SIN Manual Trans will give an easier shift at start up.

It is recommended for use in Aisin 6 speed manual transmissions used by Toyota and in Holden Commodore VE V6 and is suitable for use in NV3500 and NV4500 manual gearboxes.

CUSTOMER BENEFITS

- Purpose designed additives improve the shift feel for the life of the oil drain
- Enhanced oxidation stability, reducing harmful deposits
- Excellent wear protection
- Contains synthetic base oils for longer life
- Formulated to meet manufacturers requirements for transmission oils

INDUSTRY SPECIFICATIONS

Penrite SIN Manual Trans meets the performance requirements of:

| | |
|-------------------|-------------------|
| API GL-4 Plus | ZF TE-ML 01/02/08 |
| Land Rover MTF 94 | Honda MTF 7289 |
| MB 235.10 | BTR 5M-42 |
| MB 235.4 | MAN 341 |
| GM 12346190 | Chrysler MS 9224 |

Typical Properties

| | |
|--|---------------|
| SAE Grade | 75W-85 |
| Density at 15°C, kg/L | 0.871 |
| Viscosity, Kinematic, cSt | |
| at 40°C | 77 |
| at 100°C | 12.5 |
| Viscosity Index | 160 |
| Viscosity, Brookfield @-40°C, cP | 88,250 |
| Viscosity, KRL after Shear, cSt at 100°C | 11.8 |
| Pour Point, °C | -42 |

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 September 2008