



S-OIL SEVEN GEAR LSD

HIGH PERFORMANCE AXLE OIL FOR LIMITED SLIP DIFFERENTIALS

Product Description

S-OIL 7 GEAR LSD is high performance lubricants for final drive, heavy duty differentials and axle oil meeting API GL-5 requirement and provides enhanced friction characteristics for limited slip differentials.

Applications

- Manual transmission, transaxles and Differentials which require API GL-5 level performance lubricants
- Limited-slip hypoid differentials fitted in all kind of vehicles including cars, trucks and buses
- Especially suitable for Japanese OEMs' limited slip differential design

Features and potential benefits

- **Excellent friction performance**
 - S-OIL 7 GEAR LSD is formulated with proven friction modifier suitable for conventional limited slip differentials, and will provide effective limited-slip performance in severe operation condition.
- **Extended gear and bearing life**
 - Extreme pressure performance protect gears and bearings from scuffing and wear to ensure long life of critical parts
- **Increased oxidation/thermal stability for reduced maintenance cost**
 - Selected additive technologies and high quality base oil provides increased oxidation and thermal stability for minimized sludge and oxidation products.
- **Excellent low temperature fluidity even in very cold temperature**
 - Well designed viscosity profile from hot to cold temperature provides reliable film thickness in hot operating condition and excellent fluidity in cold temperature for good start-up of vehicles.

Performance level

- API GL-5
- Suitable for conventional Japanese OEMs' LSD

Typical Properties

| Test Items | Method | Unit | 75W90 | 80W90 |
|------------------|------------|-------|--------|--------|
| Specific gravity | ASTM D1298 | - | 0.8689 | 0.8900 |
| Viscosity | ASTM D445 | 40°C | 79.82 | 135.5 |
| | | 100°C | 14.41 | 14.31 |
| Viscosity index | ASTM D2270 | - | 189 | 104 |
| Flash point | ASTM D92 | °C | 202 | 194 |
| Pour point | ASTM D97 | °C | -39 | -26 |

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet is obtainable via your commercial adviser.