



## Gear Oil LS 90

Product Code: 76436

"Limited Slip" Automotive Gear Oil

**Gear Oil LS 90** is an extra high performance extreme pressure type automotive gear lubricant specially developed for use in modern high performance passenger cars, sports utility vehicles, vans and light duty trucks with limited slip differentials.

**Gear Oil LS 90** is based on high quality mineral virgin base oil in combination with a special additive package to ensure the following properties:

- Exceptional thermo-oxidative stability.
- Exceptional load bearing characteristics.
- Effective rust and corrosion protection.
- Excellent limited slip performance to reduce chatter and improves traction.
- Outstanding low temperature fluidity provides smoother shifting at low ambient temperatures.
- Exceptional shear stable.
- Good frictional properties provide improved fuel economy and smoother shift ability.

**Gear Oil LS 90** exceeds the following performance criteria:

|  |             |             |                 |
|--|-------------|-------------|-----------------|
| API GL-5                                       | MAN 342 M1  | VW TL 727   | Arvin Meritor   |
| MB 235.0                                       | Volvo 97310 | Volvo 97316 | Voith 3.325-339 |
| ZF TE-ML 05C, 07A, 08, 12C, 16E, 17B, 19B, 21C |             |             |                 |

### Typical Analysis

| Properties            | Unit               | Method     | Typical Value |
|-----------------------|--------------------|------------|---------------|
| SAE Grade             |                    | SAE J3000  | 90            |
| Density @15°C         | kg/m <sup>3</sup>  | ASTM D4052 | 900.0         |
| Kin. Viscosity @40°C  | mm <sup>2</sup> /s | ASTM D7042 | 165.2         |
| Kin. Viscosity @100°C | mm <sup>2</sup> /s | ASTM D7042 | 15.9          |
| Viscosity Index       |                    | ASTM D2270 | 99            |
| Flash Point COC       | °C                 | ASTM D92   | 220           |
| Pour Point            | °C                 | ASTM D7346 | -21           |

|                        |               |                 |
|------------------------|---------------|-----------------|
| Date Issued: 7-11-2025 | Supersedes: - | Revision Nr.: 0 |
|------------------------|---------------|-----------------|