



Application

EnviroLube LSD 90 is primarily designed for use in limited slip differentials fitted to passenger and light commercial vehicles. It is suitable for either cone or multi-plate slip limiting devices. It is also recommended for certain tractors and construction equipment axles and final drives that use “wet brakes” and extreme pressure gear oils.

Notes :

- (1) It is also suitable for conventional hypoid type differentials, although EnviroLube FD 80W-90 or FD 85W-140 are normally the prime recommendations for these components.
- (2) Many vehicles now recommend synthetic limited slip oils for extended service intervals. LSD 90 is not synthetic

Features

EnviroLube LSD 90 is friction modified to avoid chatter, thermally stable to resist thickening and deposits and is fully inhibited with anti-oxidants and anti-foamants. The formulation is engineered to API GL-5 performance, to protect against low speed/high torque conditions encountered in heavy duty differentials, axles, and final drives where extreme pressures and shock loading are expected.

Benefits

- ✓ Double refined base oil technology for extended product life,
- ✓ Friction modified to eliminate chatter
- ✓ Protects against low speed/high torque wear
- ✓ Formulated to eliminate foaming
- ✓ Double refined base oils conserve vital petroleum resources



Differential

LSD 90

Safety

Your safety is important to EnviroOil. This material is classified as non-hazardous according to Worksafe Australia. However, it is recommended that the handling instructions in the Material Safety Data Sheet be followed to avoid risk of injury or irritation from exposure.

Specifications

EnviroLube LSD 90 is recommended where the following performance levels are specified

API GL-5
US Military MIL-PRF-2105F, MIL-L-2105B, C, D, E.

Typical Characteristics

| Characteristic | Method | Units | Typical Value | Benefit |
|--------------------|------------|-------------------|---------------|---------|
| Viscosity Grade | SAE | | 90 | |
| Density @ 15.6C | IP160 | g/cm ³ | 0.90 | |
| Viscosity at 100°C | ASTM D445 | cSt | 15.5 | |
| Viscosity at 40°C | ASTM D445 | cSt | | |
| Viscosity Index | ASTM D2270 | | | |

Values provided are typical and do not constitute a specification