

Product Data Sheet

SERVO GEAR SUPER 80W-90

Heavy Duty Automotive Gear Oil



Description

Servo Gear Super 80W-90 is automotive extreme pressure multigrade gear oil blended from specially selected high viscosity index base stocks and contain additives which impart extreme pressure, anti-rust, anti-corrosion and anti-oxidation characteristics. This is multi-purpose type gear lubricants specifically formulated to meet the service demand of commercial fleet mechanical transmissions, axles and gear boxes.

Performance, Features and Benefits

- Excellent thermal and chemical stability at high operating temperature
- Superior low temperature fluidity
- Product has good anti rust properties
- Have excellent extreme pressure property to give maximum protection against low speed-high torque wear and high speed – shock induced scoring
- Guards automotive gear assemblies against rust and corrosion
- It is expected to give fuel economy against conventional 85W-140 axle lubricants.

Application

Servo Gear Super 80W-90 is multi-graded heavy duty hypoid gear oils. Primarily recommended for the lubrication of hypoid, spiral, bevel or worm gear transmissions fitted in commercial vehicles and other types of mechanical transmissions and drive axles where extreme pressure gear oils are required. It is ideal for vehicles operating in areas where ambient temperature vary widely.

Approvals / Performance Standards / Recommendations

Servo Gear Super 80W-90 meets the performance requirement of API Service GL5 / IS-1118- 2019/MIL-L-2105

Typical Physical Characteristics

| Properties | Method | Value |
|----------------------------------|------------|--------|
| Colour | ASTM D1550 | 0.5 |
| Kinematic Viscosity @ 100°C, cSt | ASTM D445 | 14.58 |
| Kinematic Viscosity @ 40°C, cSt | ASTM D445 | 117.6 |
| Viscosity Index | ASTM D2270 | 127 |
| Flash point (COC), °C | ASTM D92 | 229 |
| Pour Point, °C | ASTM D97 | (-) 30 |
| TAN, mg KOH/gm | ASTM D974 | 1.56 |
| Copper Corrosion @121°C, 3 hr | ASTM D130 | 1A |

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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