

# Lubisle<sup>®</sup> Fully Synthetic Manual Transmission Fluid SAE 75W-90

## Gear Oil

### Customer Benefits

- **Superior Gear Protection:** Provides excellent wear protection under high loads and extreme pressure.
- **Smooth Gear Shifts:** Ensures consistent performance for smooth and quiet gear operation.
- **Extended Gear Life:** Enhances the longevity of gear systems by reducing friction and wear.
- **High-Temperature Stability:** Maintains viscosity and performance at high operating temperatures.
- **Cold Temperature Performance:** Excellent low-temperature fluidity for easier cold starts.
- **Extended Drain Intervals:** Designed for long service life, reducing the frequency of oil changes.

### Applications

Lubisle Fully Synthetic SAE 75W-90 is recommended for use in manual transmissions, transaxles, and differentials where an **API GL-4** or **API GL-5** SAE 75W-90 gear oil is specified.

### Typical Key Properties

Property	Test Method	Value
SAE Grade	-	75W-90
Product Code	-	TL75W90
Density at 15°C (kg/l)	ASTM D4052	0.862
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	105.4
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	15.6
Viscosity Index	ASTM D2270	155
Pour Point (°C)	ASTM D5950	-45
Flash Point (°C)	ASTM D92	210
Phosphorus (mass %)	ASTM D4951	0.070
Ash, Sulphated (mass %)	ASTM D874	0.90
Zinc (mass %)	ASTM D4951	0.080

*Disclaimer: Minor variations in product typical test data are to be expected in normal manufacturing.*

### Performance Standards

- **API GL-4**
- **API GL-5**