

Bio-SynXtra™ 75W90 GL-5 LS Gear Lubricant

Biobased Limited Slip Gear Lubricant for Differentials, Transmissions, and Transfer Cases

Bio-SynXtra™ 75W90 GL-5 LS Gear Lubricant is a high-performance, synthetic lubricant designed to meet or exceed SAE J306 and SAE J2360 requirements for manual transmissions, differentials (including limited slip units), and transfer cases. It features patented Stabilized™ technology and synthetic base oils to deliver enhanced EP protection, high viscosity index, and outstanding performance across extreme temperature ranges. This environmentally responsible gear oil extends equipment life through increased film strength and exceptional low-temperature flow characteristics.

Benefits

- Meets/exceeds API GL-3, GL-4, GL-5, GL-6, and MT-1
- Super high viscosity index and low pour point for wide temperature range use
- Fortified with additives for superior oxidation, rust, wear, and foam resistance
- Excellent demulsibility and cold flow performance
- High film strength enhances gear and bearing life
- Inherently biodegradable and energy conserving
- Compatible with hydrocarbon and synthetic PAO-based gear oils

Application / New Filling

Recommended for:

- Manual transmissions, transfer cases, and differentials including limited slip (LS) units
- Spiral bevel, worm, and hypoid gears
- Automotive, agricultural, and industrial gear systems
- Top-off and replacement for conventional and synthetic gear lubricants

Specifications and Approvals

- SAE J306 and SAE J2360
- API Service Classifications: GL-3, GL-4, GL-5, GL-6, MT-1
- Exceeds U.S. Steel and AGMA antiwear and EP performance specifications
- Stabilized™ HOBS Technology
- U.S. Patents: 6,383,992 and 6,534,454
- Additional foreign and pending patents

STABILIZED™
by Renewable Lubricants

Typical Specifications	
SAE Gear Grade	75W90
Specific Gravity @60°F (D-287)	0.90
VISCOSITIES:	
@100°C., cSt. (D-445)	15.7
@40°C., cSt. (D-445)	90
Viscosity Index (D-2270)	187
Viscosity, Brookfield cP @ -26°C	115,000
Flash Point, COC, °C (D-92)	220
Pour Point, °C (D-97)	-48
Copper Corrosion Strip 3 hr @ 100°C (D-130)	1B
FZG Test (DIN 51517)	>12
4 Ball Wear, 1h, 167°F, 1200 RPM, 40kg (D-4172)	.30
Demulsibility (D-2711)	Pass
Foam Sequence I, II, III (D-892)	Pass
Rust Prevention (D-665 A&B)	Pass