

Bio-SynXtra™ 75W140 GL-5 Gear Lubricant

Biobased High-Performance Gear Oil for Differentials, Transmissions, and Transfer Cases

Bio-SynXtra™ 75W140 GL-5 Gear Lubricant is a biobased, inherently biodegradable, high-performance gear oil engineered to meet or exceed SAE J306 and SAE J2360 requirements for heavy-duty gear systems. Formulated with Stabilized™ and synthetic base oils, this lubricant offers superior film strength, oxidative stability, and exceptional performance in both high- and low-temperature environments. It is designed for use in spiral bevel, worm, and hypoid gears in automotive, industrial, and heavy-duty applications.

Benefits

- Exceeds API GL-4, GL-5, and GL-6 service classifications
- Excellent wear, oxidation, rust, and foam resistance
- Super high viscosity index for extended temperature performance
- Outstanding low-temperature channeling and demulsibility
- Compatible with hydrocarbon and synthetic PAO-based gear oils
- Provides high film strength for extended gear and bearing life
- Energy conserving and environmentally responsible

Application / New Filling

Recommended for:

- Differentials, transfer cases, and heavy-duty manual transmissions
- Spiral bevel, worm, and hypoid gear systems
- Industrial gear applications requiring high EP protection
- Top-off and replacement for conventional and synthetic gear oils

Not for use in limited-slip differentials without appropriate friction modifier unless specified by OEM.

Specifications and Approvals

- Meets/exceeds SAE J306 and J2360
- API GL-4, GL-5, GL-6 performance levels
- Exceeds U.S. Steel and AGMA antiwear and EP specs
- Stabilized™ HOBS technology:
- U.S. Patents: 6,383,992 and 6,534,454

Typical Specifications	
SAE Gear Grade	75W140
Specific Gravity @60°F (D-287)	0.90
VISCOSITIES:	
@100°C., cSt. (D-445)	25.1
@40°C., cSt. (D-445)	153.9
Viscosity Index (D-2270)	198
Viscosity, Brookfield cP @ -40°C	127,000
Flash Point, COC, °C (D-92)	252
Pour Point, °C (D-97)	-46
Copper Corrosion Strip 3hr @100°C (D-130)	1B
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
Item#	82140