

Bio-SynXtra™ 85W140 GL-5 Gear Lubricant

Biobased Heavy-Duty Gear Oil for Differentials, Transmissions, and Transfer Cases

Bio-SynXtra™ 85W140 GL-5 Gear Lubricant is a high-performance, synthetic gear oil engineered to meet or exceed SAE J306 and SAE J2360 requirements. Designed for heavy-duty transmissions, differentials, and transfer cases, this lubricant combines patented Stabilized™ HOBS technology with synthetic base oils to deliver excellent EP protection, high viscosity index, and long-term thermal stability. It provides outstanding wear protection, extended service life, and environmentally responsible performance.

Benefits

- Recommended for API GL-4, GL-5, and GL-6 service classifications
- Super high viscosity index with wide operating temperature range
- Fortified with additives for enhanced wear, oxidation, rust, and foam resistance
- Exceeds U.S. Steel and AGMA antiwear and EP performance specs
- Excellent demulsibility and cold flow behavior
- Inherently biodegradable and energy conserving
- Compatible with hydrocarbon and synthetic PAO-based gear oils
- Top-off compatible with conventional and synthetic gear lubricants

Application / New Filling

Recommended for:

- Heavy-duty gear systems in differentials, transmissions, and transfer cases
- Spiral bevel, worm, and hypoid gears
- On-road and off-road trucks, construction, and agricultural equipment
- Industrial gearboxes requiring GL-5 performance

Specifications and Approvals

- SAE J306 and J2360
- API GL-4, GL-5, GL-6
- Exceeds U.S. Steel and AGMA EP/antiwear performance levels
- 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	85W140
Specific Gravity @60°F (D-287)	0.90
VISCOSITIES:	
@100°C., cSt. (D-445)	28
@40°C., cSt. (D-445)	195.2
Viscosity Index (D-2270)	182
Viscosity, Brookfield cP @ -26°C	47,000
Flash Point, COC, °C (D-92)	254
Pour Point, °C (D-97)	-26
Copper Corrosion Strip 3 hr @ 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