Renewable Lubricants, Inc.
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Bio-Synthetic 75W90 GL-5 LS Gear Lubricant

STABILIZED™ by Renewable Lubricants

"Biobased Lubricants that Perform Like Synthetics"

Bio-Synthetic 75W90 GL-5 LS is designed to meet the SAE J306 requirements for manual transmissions, differentials (including limited slip (LS) units), and transfer cases. Increasing the additive technology above GL-5 provides additional performance and Extreme Pressure (EP) protection for spiral bevel and hypoid gears. This biobased formula has combined Stabilized HOBS technology with synthetic base stocks to provide a super high viscosity index (VI) with fuel savings performance. The result is an inherently biodegradable product which has the long life heat stability but which additionally offers the protection advantages of increased gear life through extremely high film strength and excellent low temperature performance. This product may be used for top-off of differentials and is compatible with hydrocarbon and synthetic PAO based gear oils. Bio-Synthetic 75W90 GL-5 LS Gear Lubricant is an ENVIRONMENTALLY RESPONSIBLE lubricant that is formulated from renewable agricultural resources. We believe Earth's environmental future rests in the use of renewable material.

Typical Specifications

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

Features

(1) Recommended for API Service Classifications GL-3, GL-4, GL-5, MT-1, and GL-6
(2) Super high viscosity index and low pour point for wide temperature usage
(3) Fortified with additional additives to resist wear, oxidation, rust and foam
(4) Exceeds U.S. Steel and AGMA antiwear and EP performance for industrial applications
(5) Excellent low temperature channeling and demulsibility properties
(6) Biodegradable and Energy Conserving

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

* Trademark of Renewable Lubricants, Inc.

Availability **F.O.B. :Hartville, Ohio, USA** **5 Gallon Pails** **Drums** **Bulk**