

UNITED LSD SEMI-SYN UNIGEAR S5

United LSD Semi-SynUnigear S5 is a multi purpose gear lubricant formulated with high quality synthetic oil component in combination with superior field-proven additives. This combination creates a product with excellent chemical and thermal stability over a wide range of temperature.

United LSD Semi-SynUnigear S5 is designed to provide top-tier performance under extremely high pressure (EP Condition) by utilizing the core Sulfur-Phosphorus EP Technology. This advanced Chemistry allows the United LSD Semi-SynUnigear S5 to be able to withstand the super high load between the teeth of those hypoid gear sets commonly found in modern vehicles transmission system. United LSD Semi-SynUnigear S5 having excellent thermal stability and corrosion resistance as well. It is blended with antifoam to suppress excess forming. The superior sulfur / phosphorus additives also are fully compatible with seals and gaskets.

APPLICATIONS / BENEFITS

- Proven gear protection in low and high-speed conditions.
- Reduces costs associated with seasonal oil changes.
- Improves fuel economy.
- Superior sulfur phosphorus additives.
- Easier low temperature starting.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS		
SAE Viscosity Grade	SAE J 306	80W90	80W140	85W140
Specific Gravity @ 15 °C	ASTM D 4052	0.872	0.886	0.893
Flash Point, °C	ASTM D 92	202	205	208
Pour Point , °C	ASTM D 97	-27	-24	-21
Kinematic Viscosity @40°C	ASTM D 445	118.6	210.5	238.3
@100°C	ASTM D 445	16.5	25.8	25.02
Viscosity Index	ASTM D 2270	149	155	133
Color	ASTM D 1500	<3.0	3.0	3.5

MEETS THE REQUIREMENTS OF

- API GL-5
- MAN 342N
- ZF TE-ML05A/07A/12E
- ZF TE-ML C/D
- ZF TE-ML16B/17B/19B
- AISE 224
- AGMA 9005-EO2
- DIN 51517 Part 3
- David Brown S1.53.101
- Limited Slip