

## UNIGEAR S5

**PRODUCT DESCRIPTION**

United UNIGEAR S5 is a multi purpose gear lubricant manufactured from selected, highly refined base oil and blended with field-proven additives. This combination creates a product with excellent chemical and thermal stability over a wide range of temperature.

United UNIGEAR 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 UNIGEAR 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 UNIGEAR 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			
		90	140	80W90	85W140
SAE Viscosity Grade	SAE J306	90	140	80W90	85W140
Specific Gravity@ 15°C	ASTM D-4052	0.8966	0.9060	0.8950	0.9088
Flash Point, °C	ASTM D-92	244	260	240	258
Pour Point, °C	ASTM D-97	- 9	- 6	- 27	- 12
Kinematics Viscosity @40°C (cSt)	ASTM D-445	198	402	155.3	370
	ASTM D-445	17.1	27.8	15.75	27.4
Viscosity Index	ASTM D-2270	95	95	104	99
Color		Green	Green	< 3	< 3.5

## PERFORMANCE STANDARDS

- API GL-5
- MIL-L-2105D
- MAN 342N