

# UNITED LSD UNIGEAR S5

## Product Description

**Hydrotreated automotive gear oil manufactured from selected, highly refined base oil and blended with friction modifier that is an ashless oil-soluble friction reducer for use in automotive gear oil with limited slip performance. This combination creates a product with excellent chemical and thermal stability over a wide range of temperature.**

This product 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 it to be able to withstand the super high loads between the teeth of hypoid gear sets commonly found in modern vehicles' transmission system. This product also provides excellent thermal stability and corrosion resistance, as well as anti-foaming abilities to suppress excess forming. The superior sulfur / phosphorus additive is 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

## Typical Characteristics

Test Description	Method	Unit	90	140	75W90	80W90
SAE Viscosity Grade	SAE J 300	-	<b>90</b>	<b>140</b>	<b>75W90</b>	<b>80W90</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.877	0.902	0.877	0.875
Flash Point	ASTM D 92	°C	220	220	220	212
Pour Point	ASTM D 97	°C	-36	-6	-36	-27
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	81.7	445.0	81.7	138.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.7	30.2	14.7	14.7
Viscosity Index	ASTM D 2270	-	188.6	97	188.6	106

## Typical Characteristics

Test Description	Method	Unit		
SAE Viscosity Grade	SAE J 300	-	<b>80W110</b>	<b>85W140</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.901	0.895
Flash Point	ASTM D 92	°C	216	220
Pour Point	ASTM D 97	°C	-18	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	219.9	373.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	20.6	27.4
Viscosity Index	ASTM D 2270	-	109	99

## Specifications, Approval & Recommendation

* MERITOR	0-76A IN SAE 85W140
* MERITOR	0-76D IN SAE 80W90
* MIL	PRF-2105E
* SAE	J2360

## Suggested for The Following Uses

* API	GL-5
* API	MT-1
* FORD	WSP-M2C197A IN SAE 80W90
* MACK	GO-J
* ZF	TE ML-07 A
* ZF	TE ML-08

Reference No.  
4410G2GL5LSDREV1

Last revised date:  
12/2/2025