

# 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 |              |
|-----------------------------|-------------|------|--------------|
| SAE Viscosity Grade         | SAE J 300   | -    | <b>85W90</b> |
| Density @ 15 °C             | ASTM D 4052 | kg/L | 0.880        |
| Flash Point                 | ASTM D 92   | °C   | 214          |
| Pour Point                  | ASTM D 97   | °C   | -18          |
| Kinematic Viscosity @ 40°C  | ASTM D 445  | cSt  | 166          |
| Kinematic Viscosity @ 100°C | ASTM D 445  | cSt  | 16.5         |
| Viscosity Index             | ASTM D 2270 | -    | 104          |

## Specifications, Approval & Recommendation

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- \* AGMA 9005-E02
- \* AGMA 9005-D94
- \* AIST 224
- \* API GL-5
- \* API MT-1
- \* DIN 51517:3
- \* FORD WSP-M2C197A
- \* MACK GO-J
- \* MERITOR 076-A
- \* MERITOR 076-D
- \* MERITOR 076-Q
- \* MIL PRF-2105E
- \* SAE J2360
- \* U.S STEEL 224
- \* Cincinnati Machine
- \* Cleanliness performance in oxidation tests
- \* Limited Slip
- \* PG-2

Reference No.

A4410G2GL5LSDREV0

Last revised date:

3/5/2024