

# UNITED ALL PURPOSE SAE 80W-90 GL-5 GEAR LIMITED SLIP



United All Purpose SAE 80W-90 GL-5 Gear Limited Slip lubricant is a multifunctional EP gear oil that delivers superior performance for both on-highway vehicles and off-highway farm and construction equipment. It is made from high-quality base oils combined with an innovative sulfur-phosphorus, multifunctional gear oil additive package and is formulated with limited-slip friction modifiers.

## Features:

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- Multipurpose to satisfy the lubricant requirements of a wide variety of gears
- High load-carrying capacity
- Extreme-pressure lubricant additives for hypoid and heavily loaded gears
- Excellent oxidation stability and wear protection
- Long life for bearings, gears, and seals, especially under high-temperature operations
- Provides good moisture corrosion protection
- Compatible with other gear oils and can be used in axles and transmissions to help minimize lubricant inventory
- Will not harm brass bearings, even above 200°F, where many sulfur-type additives cause corrosion
- Potential energy savings due to low friction properties that make energy conservation possible

## Applications:

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All applications requiring GL-5 gear lubricant protection, including automotive differentials, manual transmissions, final drives, heavy-duty trucks, construction equipment, farm machinery, and many other industrial applications.

United All Purpose GL-5 Gear lubricants are recommended for passenger cars, buses, and highway truck hypoid, spiral bevel, and worm gear axles, but can also be used in manual transmissions when this type of fluid is recommended.

United All Purpose GL-5 Gear is suitable for use in limited-slip or Posi-Trac rear axles as a refill or top-off fluid.

# TYPICAL SPECIFICATION DATA

| <b>UNITED ALL PURPOSE SAE 80W-90 GL-5 GEAR LIMITED SLIP</b> |                             |
|---|-----------------------------|
| <b>SAE GRADE</b>  | <b>80W-90<br/>(ISO 220)</b> |
| Viscosity @ 100°C (cSt)                                     | 19.0                        |
| Viscosity @ 40°C (cSt)                                      | 213.0                       |
| Viscosity Index   | 100                         |
| Density (lb/gal)  | 7.44                        |
| Pour Point (°C)   | -15                         |
| Pour Point (°F)   | 5                           |
| Flash Point (°C)  | 230                         |
| Flash Point (°F)  | 446                         |
| AGMA Designation  | 5EP                         |
| Timken OK Load (lbs)  | 45                          |

## Recommended for Use in the Following Specifications:

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- AGMA 250.04
- AGMA 9005-D94
- API GL-5
- API MT-1
- Cincinnati Milacron
- John Deere JDM J11E
- Mack GO-G, GO-H, GO-J
- Military Specification MIL-L-2105D, MIL-PRF-2105E
- Rockwell International 0-76
- SAE J2360
- US Steel 224

## Product Availability:

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- 5 Gal
- 265 Gal
- Bulk
- Item # 281621
- Item # 258930
- Item # 258929