



Product Bulletin

GULF MULTIPURPOSE GEAR LUBRICANTS

Gulf Multipurpose Gear Lubricants are formulated with high-quality paraffinic base oil and a premium additive system to provide smooth, quiet performance with maximum protection against wear in gear applications.

FEATURES AND BENEFITS:

Gulf Multipurpose Gear Lubricants provide superior thermal stability and minimize oxidative sludge and varnish formations in the most severe operating conditions. Highly effective anti-wear agents offer maximum protection against scuffing and wear, and also offer excellent load carrying capacity. Additionally, these products offer the following benefits:

- Non-corrosive properties
- Good resistance to foaming
- Outstanding rust and corrosion protection
- Excellent performance in low ambient temperatures

APPLICATIONS:

Gulf Multipurpose Gear Lubricants are designed for gears (particularly hypoid gears) in axles operating under various combinations of high-speed shock loads and low-speed, high torque conditions. They meet the requirements of most manufacturers for differentials and manual transmissions. They are the right lubricant for conventional differentials in passenger cars, light-duty and heavy-duty trucks, and manual transmissions requiring GL-5 lubricant. These gear oils meet the following specifications:

- MIL-PRF-2105E
- SAE J2360
- Mack GO-J and GO-H
- API Service GL-5 and MT-1
- Navistar B-22
- Meritor Automotive, Inc. O-76-A and O-76-D

SELECTION:

Gulf Multipurpose Gear Lubricants are available in two viscosity grades, **80W-90** and **85W-140** as noted in the chart on the backside. Follow equipment manufacturer recommendations for appropriate viscosity grade.



AMERICAN REFINING GROUP, INC.

Master Distributor of Gulf Lubricants • 77 North Kendall Avenue • Bradford, Pennsylvania • 16701
Phone: 814.368.1200 • Fax 814.368.1219 • www.gulflubricants.net • ISO 9001:2008

AVAILABILITY:

Gulf Multipurpose Gear Lubricants are available throughout Gulf's marketing area. Your Gulf representative or Gulf jobber can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853).

Gulf Multipurpose Gear Lubricants – Typical Properties

| SAE Grade | | 80W-90 | 85W-140 |
|------------------------------------|--------------------|---------------|----------------|
| Product Code | Test Method | 332105 | 332106 |
| Viscosity, cSt @ 40°C | ASTM D-445 | 140 | 320.0 |
| Viscosity, cSt @ 100°C | ASTM D-445 | 14.5 | 25.3 |
| Viscosity, SUS @ 100°F | ASTM D-2161 | 733 | 1,698 |
| Viscosity, SUS @ 210°F | ASTM D-2161 | 77.6 | 125.2 |
| Brookfield Viscosity, cP @ -12.1°C | ASTM D-2983 | -- | 150,000 (max) |
| Brookfield Viscosity, cP @ -26.1°C | ASTM D-2983 | 150,000 (max) | - |
| Viscosity Index | ASTM D-2270 | 102 | 100 |
| Color | ASTM D-1500 | 8.0 | 8.0 |
| Pour Point, °F (°C) (max) | ASTM D-5949 | -20 (-27) | 5 (-15) |
| Flash Point, °F (°C) | ASTM D-92 | 450 (232) | 525 (272) |
| API Gravity | ASTM D-4052 | 27.6 | 26.5 |
| Density, lbs/gal (g/L) | Calculated | 7.42 (889) | 7.47 (896) |
| API Service | | GL-5 / MT-1 | GL-5 / MT-1 |