



Recommended Oil Lubrication Specification

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| Use: | Axle hubs with tapered roller bearing |
| Service Designation: | API-GL-3 or API-GL-4 or API-GL-5 |
| Viscosity: | SAE 90 or SAE 80w-90 or SAE 80W-85W-90 or SAE 75W-90 |
| Pour Point: | -18°C (0°F) Maximum |
| Additives: | Corrosion and oxidation inhibitors, foam inhibitors, EP additives |
| Compatability: | Must be compatible with nitrile and neoprene seals and polycarbonate plastic oil caps |
| Approved Sources: | Ashland Oil Valvoline High Performance Gear Lube 80W90 Cato Oil & Grease Company PMO Gear Lubricant Code 1505 Universal 2105 Gear Lubricant Code 1633 Mystik JT-7 Gear Lubricant Code 1617 Mystik 825 Gear Lubricant Code 1600 Exxon Company Gear Oil GX 80W-90 Kendal Refining Co., Division of Witco Corp. Kendall NS-MP Hypoid Gear Lube SAE 80W-90 Lubriplate Div./Fiske Brothers Refining Co. Lubriplate APG 90 Mobil Oil Corporation Mobilube SHC 75W-90 Pennzoil Products Company Multi-Purpose Gear Lubricant 4092 or 4096 Oil Center Research Liquid-O-Ring #750 Southwest Petro-Chem Division, Witco Corp. GL-5 Gear Lubricant Code SB8365013 Sun Refining & Marketing Company Sunfleet GL-5 Code 110402 or 110502 Union Oil Company Unocal MP Gear Lube-LS 80W-90 |

Bearing Adjustment

For double nut construction. Bearing end play is .001 to .010

1. Tighten inner nut to 100 lb.-ft. while rotating hub to seat bearings.
2. Loosen nut to remove preloaded torque without rotating hub.
3. Hand tighten nut then back off $\frac{1}{8}$ turn minimum, $\frac{1}{4}$ turn maximum.
4. Install tab washer and outer nut. Torque outer nut to 225 to 250 lb.-ft. Insure that the inner nut does not turn.
5. Bend two tabs over outer nut to secure in place.