

GEAR OIL FOR DIFFERENTIALS

- Red Line offers the most complete line of gear lubricants optimized for differential, transmission or transaxle use
- High viscosity-index to provide relatively constant viscosity with temperature change
- Created with synthetic polyol ester base stocks for excellent lubrication under extreme conditions with superior shear and oxidation stability
- Natural ester lubricity provides excellent slipperiness to reduces the sliding friction in hypoid gears, reduce wear and operating temps
- Esters provide natural multi-grade properties, avoiding the use of unstable thickeners and providing stable viscosity for extended periods
- Use manufacturer requirements to select applications for passenger car, commercial and racing



GL-5 GEAR OIL

- Contains friction modifiers—enough for most limited slip units
- 75W90 is Red Line’s most versatile gear oil for passenger cars, some light trucks and racing
- 75W90 is suitable for 80W90 and 90W GL-5 applications
- 75W85 is popular in some late model BMW, Mercedes Benz and Toyota light truck differentials and transfer cases
- 75W140 and 80W140 are popular in high-temp operation, most light trucks, commercial applications, differentials with excessive noise and stock car racing
- Popular in 5-gallon pails at quick lube chains for synthetic service upgrades

75W85

- 50104 . . . 75W85 GL-5 Gear Oil - quart
- 50105 . . . 75W85 GL-5 Gear Oil - gallon
- 50106 . . . 75W85 GL-5 Gear Oil - 5 gl
- 50107 . . . 75W85 GL-5 Gear Oil - 16 gl
- 50108 . . . 75W85 GL-5 Gear Oil - 55 gl

75W90

- 57904 . . . 75W90 GL-5 Gear Oil - quart
- 57905 . . . 75W90 GL-5 Gear Oil - gallon
- 57906 . . . 75W90 GL-5 Gear Oil - 5 gl
- 57907 . . . 75W90 GL-5 Gear Oil - 16 gl
- 57908 . . . 75W90 GL-5 Gear Oil - 55 gl

75W140

- 57914 . . . 75W140 GL-5 Gear Oil - quart
- 57915 . . . 75W140 GL-5 Gear Oil - gallon
- 57916 . . . 75W140 GL-5 Gear Oil - 5 gl
- 57917 . . . 75W140 GL-5 Gear Oil - 16 gl
- 57918 . . . 75W140 GL-5 Gear Oil - 55 gl

80W140

- 58104 . . . 80W140 GL-5 Gear Oil - quart
- 58105 . . . 80W140 GL-5 Gear Oil - gallon
- 58106 . . . 80W140 GL-5 Gear Oil - 5 gl
- 58107 . . . 80W140 GL-5 Gear Oil - 16 gl
- 58108 . . . 80W140 GL-5 Gear Oil - 55 gl

NON-SLIP GL-5 PRODUCTS

- Contains extreme pressure additives like our 75W90 GL-5 oil, lacks friction modifiers to balance slipperiness
- Designed for transmissions and transaxles - helps to slow synchro for easier shifting across a broad temp range
- 75W90NS popular in Porsche and Subaru
- Also used in racing limited-slip differentials (add Limited Slip Friction Modifier to “tune”)
- Exceeds API GL-5 specifications
- Safe for use with brass synchros

75W90 NS

- 58304 . . . 75W90NS GL-5 Gear Oil - quart
- 58305 . . . 75W90NS GL-5 Gear Oil - gallon
- 58306 . . . 75W90NS GL-5 Gear Oil - 5 gl

75W140 NS

- 57104 . . . 75W140NS GL-5 Gear Oil - quart
- 57105 . . . 75W140NS GL-5 Gear Oil - gallon
- 57106 . . . 75W140NS GL-5 Gear Oil - 5 gl



LIMITED SLIP FRICTION MODIFIER

- Compatible with both petroleum and synthetic gear oils
- Reduces break-in temps as much as 50°F
- Add 1oz at a time to clutch-type limited slip or posi-traction units to eliminate chatter

80301 . . . Friction Modifier & Break-In Additive - 4oz

GEAR OIL FOR MANUAL TRANSMISSIONS



- Excellent gear and synchro protection, balanced slipperiness for easier shifting in cold climates
- Appropriate coefficient of friction for most manual transmission synchronizers (other’s synthetic gear oils are often too slippery for proper syncro engagement)



- MTL, MT-85 and MT-90 are not for use in differentials with hypoid gears
- Safe for brass and fiber synchros

MTL

- Suitable for 75W80 GL-4 applications
 - Popular in Acura/Honda, BMW, Nissan, Mitsubishi, Ford Focus, Dodge and Jeep
 - Popular replacement for GM Syncromesh® #12345349 and Auto-Trak II® 12378508
- 50204 . . . MTL 75W80 GL-4 - quart
50205 . . . MTL 75W80 GL-4 - gallon
50206 . . . MTL 75W80 GL-4 - 5 gl
50207 . . . MTL 75W80 GL-4 - 16 gl

MT-85

- Suitable for 75W85 GL-4 applications
 - Popular replacement for NV4500, Syntorq LT, Mitsubishi Diaqueen, Nissan MTF, Hyundai and Kia
- 50504 . . . MT-85 75W85 GL-4 - quart
50505 . . . MT-85 75W85 GL-4 - gallon
50506 . . . MT-85 75W85 GL-4 - 5 gl
50507 . . . MT-85 75W85 GL-4 - 16 gl

MT-90

- Suitable for 80W90 or 90W GL-4 applications
 - Popular in Nissan, Mazda, VW/Audi, Lotus Elise/Exige, Toyota
 - Used in racing when MTL or an 80W GL-4 gear oil is recommended, but high temperatures cause excess loss in viscosity
- 50304 . . . MT-90 75W90 GL-4 - quart
50305 . . . MT-90 75W90 GL-4 - gallon
50306 . . . MT-90 75W90 GL-4 - 5 gl
50307 . . . MT-90 75W90 GL-4 - 16 gl

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SHOCKPROOF GEAR OILS

- Unique lubricant with solid microscopic particles offers low drag/high protection
- Relatively low viscosity, yet cushions gear teeth under extreme pressure
- Helps to prevent tooth breakage, resists throw-off
- Avoid use with pumps, coolers, and filters as unique medium and affinity for metal can cause clogging
- Designed for wet sump transmissions and differentials with splash lubrication



HEAVY SHOCKPROOF®

- Film thickness greater than an SAE 75W250, yet low fluid friction like 75W90
- For heavily-loaded racing differentials and transmissions, problem gearboxes
- Most popular ShockProof product, many racing and specialty applications
- Often used in Sprint Car, Midget, and Dirt Late Model Differentials
- Most popular gear oil in NHRA Top Fuel and Funny Car

- 58204 . . . Heavy ShockProof Gear Oil - quart
58205 . . . Heavy ShockProof Gear Oil - gallon
58206 . . . Heavy ShockProof Gear Oil - 5 gl

LIGHTWEIGHT SHOCKPROOF®

- Excellent low-temp flow, improved cold shifting
- For racing differentials under moderate loads
- Film thickness greater than an SAE 75W140, yet low fluid friction like 80W gear oil or 30W motor oil
- Used in British F3, Euro F3 and Star Mazda racing gearboxes for ultra low drag

- 58404 . . . Lightweight ShockProof Gear Oil - quart
58405 . . . Lightweight ShockProof Gear Oil - gallon
58406 . . . Lightweight ShockProof Gear Oil - 5 gl

SUPERLIGHT SHOCKPROOF®

- Film thickness greater than an SAE 75W90, yet low fluid friction like ATF
- Used in low-power dog-ring racing transaxles with moderate to low load, qualifying, etc.
- Popular in 65cc and 85cc mini motocross bikes

- 58504 . . . SuperLight ShockProof Gear Oil - quart
58505 . . . SuperLight ShockProof Gear Oil - gallon