



SAE 80W-90 EP GEAR OIL

+1 (773) 376-9660 / www.warcopro.com / www.usglobalpetroleum.com

WARCO 80W-90 GL-5 Extreme Pressure Gear Oil is a versatile gear oil meeting a wide range of operating temperatures and is recommended for make-up or refill of manual transmissions, conventional differentials, hypoid and other gears in industrial, automotive, trucking, construction, farm and other off-highway applications. Primary uses are high-speed, high-torque, high horsepower applications. It is suitable for top off in limited slip differentials.

WARCO 80W-90 GL-5 Extreme Pressure Gear Oil has improved frictional properties and is formulated with advanced additives to prevent rust, oxidation, and wear to help extend component life and reduced operating costs. It has been field tested to meet GL-5, MT-1, MACK GO-J, MIL-PRF-2105E, MIL-L-2105D and SAE J2360 service requirements.

Benefits and Applications

- Provides exceptional gear and bearing protection
- Exceptional thermal stability and resistance to high temperature oxidation
- Outstanding anti-weld, anti-scuff and anti-wear properties
- Compatible with typical automotive seals and gaskets
- Protects against oil seal deterioration
- Good foam inhibition
- Protects against damaging rust and corrosion

80W-90 Gear Oil Typical Characteristics

ISO GRADE		80W-90
Performance Level		GL-5
Color		L 3.5
Specific Gravity @ 60°F	ASTM D287	.885
Flash Point, COC °C/°F	ASTM D92	214 / 417.2
Pour Point, °C/°F	ASTM D97	-30 / -22
Viscosity @ 40°C, cSt	ASTM D445	145.4
Viscosity @ 100°C, cSt	ASTM D445	15.2
Viscosity Index	ASTM D2270	110
Demulsibility	ASTM D1401	Pass

Test Method ASTM - Typical test data are average values only.
Minor variations, which do not affect performance, may occur.

GL-5

MT-1, MACK GO-J,
MIL-PRF-2105E,
MIL-L-2105D, SAE J2360



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HANDLING AND SAFETY INFORMATION - Refer to WARCO (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.