



80W-90 GL-5 EP Gear Lubricant

SAMS1 80W-90 EP Gear Oil is a premium quality multi-purpose gear oil formulated with rust and oxidation additives to minimize gear friction, reduce corrosion, and resist the formation of harmful contaminants. SAMS1 80W-90 Gear Oil meets or exceeds API GL-5, Mack GO-G / GO-H, MIL-L-2105D (formerly MIL-L-2015C), MIL-PRF-2105E and SAE J2360 performance standards for all vehicles and heavy-duty equipment differentials, final drives, manual transmissions and gearboxes including industrial gearboxes specifying US Steel 224.

Benefits and Applications

- Fortified with anti-oxidants and corrosion inhibitors to resist damage from rust and oxidation.
- Recommended for high-speed and/or low-speed, high-torque conditions
- Provides anti-wear protection for pumps, motors, valves and other hydraulic circuit components operating under high load and/or extreme temperature operations

Typical Characteristics - 80W-90 EP Gear Lubricant

GRADE		80W-90
API SERVICE		GL-5
Specific Gravity 15.6°C	ASTM D287	0.885
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
Color		L 3.5

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



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