



Technical	SAE 80W90 Gear Oil
Product	Formulated with EHP
Information	

PRODUCT DESCRIPTION AND FEATURES

Pure Power! Extreme High Performance 80W/90 Gear Oil contains advanced high performance additive chemistry. It is a multi-purpose sulfur-phosphorus type hypoid gear lubricant that exceeds requirements of API Service Classification GL-5. It is manufactured from the highest quality base oils fortified with VI improvers, rust inhibitors, foam suppressants, anti-wear and extreme pressure additives and pour point depressants. The multi-viscosity oil formulation permits use over a wide temperature range.

PRODUCT BENEFITS

- **Maximum protection under extremely high pressure and heat.**
- **Superior shear and thermal stability against severe shock loads and extreme pressure.**
- **Protection against rust and corrosion.**
- **Superior oil film strength to minimize wear.**
- **Engineered for easiest startup of heavily loaded gears and bearings during cyclic operations.**
- **Non-foaming.**
- **Multi-purpose for minimum inventory.**
- **Excellent reduction of friction, for extended gear life and improved drive train efficiency.**
- **Environmentally friendly, 100% recyclable.**
- **Excellent for applications where equipment is subjected to slow speeds, frequent stop and start cycles and where water contamination or abrasive environments are problems.**

PRODUCT APPLICATION

- ***Exceeds*** API GL-5
- ***Exceeds*** Military Specification MIL-L-2105D.
- ***Exceeds*** Mack Truck Specifications GO-F, GO-G & GO-H.
- ***Exceeds*** Rockwell Specifications 0-76A, 0-76B, and 0-76D.
- **Recommended** where GL-5 fluids are specified for differentials and conventional transmissions in passenger cars and trucks.
- **Recommended** for industrial reduction gears where EP type oils are required.
- **Superior** in applications where equipment is subjected to slow speeds, frequent stop and start cycles and where water contamination or abrasive environments are problems.
- **Excellent** for make-up in limited slip differentials.

Typical Inspections

ASTM D-1298	ASTM D-97	ASTM D-92	ASTM D-92	ASTM D-5293				ASTM D-1500	ASTM D-445
API Gravity	Pour Point	Fire Point	Flash Point	Viscosity				Color	Viscosity Index
				SUS @ 100°F	SUS @ 210°F	CSt @ 40°C	CSt @ 100°C		
24.8	-25°F	445°F	>415°F	783	81.5	149.6	15.40	5.5	105

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY. CHEMISTRY.

THIS PRODUCT CONTAINS ADVANCED HIGH PERFORMANCE ADDITIVE

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