

# Motosel SAE 80W-90

## GEAR OIL

**Motosel GL-5 SAE 80W-90 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.

**Motosel GL-5 SAE 80W-90 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

- Superior thermal stability and high torque protection
- Excellent rust and corrosion protection for all system components
- Provides anti-wear protection for pumps, motors, valves and other hydraulic circuit components operating under high load and/or extreme temperature operations
- Maintains film strength & viscosity
- Special additives provide sludge and deposit control

**Meets the following performance specification :**

**API GL-5  
MT-1, MACK GO-J,  
MIL-PRF-2105E,  
MIL-L-2105D and  
SAE J2360**

**\*including limited slip applications**



#M-0051 / 1Qt      #M-0508 / 16Gal  
#M-0597L / 1L    #M-0091 / 55Gal  
#M-0225 / 5Qt    #M-0113 / Bulk  
#M-0075 / 5Gal

### TYPICAL CHARACTERISTICS - 80W-90

SAE GRADE		80W-90
Performance Level		GL-5
Color		3.5
API Gravity	ASTM D287	28.37
Flash Point, COC °C/°F	ASTM D92	214 / 417.2
Pour Point, °C/°F	ASTM D97	-33 / -27.4
Viscosity @ 40°C, cSt	ASTM D445	145.4
Viscosity @ 100°C, cS	ASTM D445	15.2
Viscosity Index	ASTM D2270	110
Demulsibility	ASTM D1401	Pass

Typical test data are average values only. Minor variations, which do not affect performance, may occur. You should consult your owner's manual to verify proper fluid recommendation for your particular vehicle.

**HANDLING AND SAFETY INFORMATION** - Refer to MOTOSEL (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.



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