

Application

AGRI-TEC GL-5 GEAR LUBE 80W90 is a multi-purpose, extreme pressure gear lubricant designed to meet or exceed the requirements of most standard manual shift transmissions, differentials, final drives, power dividers and hypoid gears as well as automotive and heavily loaded industrial gear applications.

- Service Requirements:
 - API Service Requirements GL-1 through GL-5.
 - U.S. Military Specification MIL-L-2105D.
 - Mack Truck GO-H and proposed PC-2.
 - Rockwell Standard 0-76-A.
- Manufacturer Requirements:
 - Eaton Spiral Bevel & Hypoid Axles
 - Caterpillar Tractor
 - Clark Equipment
 - Terex
 - Marion Power Shovel
 - Dana/Spicer Heavy Axle
 - International Harvester
 - GMC Truck & Coach-all conventional axles
 - Autocar, Brockway, Chevrolet, Diamond Reo, Dodge, Ford, Jeep, K-W Dart, Peterbilt, White-Freightliner, Chrysler and General Motors Passenger Cars.

CUSTOMER BENEFITS

- **Extended Gear Life** – AGRI-TEC GL-5 GEAR LUBE 80W90 features excellent anti-wear, anti-oxidation and anti-rust characteristics to promote longer life.
- **Extreme Temperature Performance** – A high viscosity index reduces wear, makes start ups easier in cold temperatures, and protects vital components in high temperatures.
- **Ensures Compatibility** – This product is compatible with most seals and gaskets to minimize leakage and reduce contamination.

FEATURES

AGRI-TEC GL-5 GEAR LUBE 80W90 is a premium, high performance commercial gear lubricant formulated from select base oils and an advanced additive system. It is engineered for performance in heavy-duty transmissions, axles, and final drives where extreme pressure and shock loading are expected. It provides excellent chemical and thermal stability at elevated bulk oil temperatures, good performance at low temperatures, and provides good rust protection against water contamination and wet conditions. It provides excellent performance where API GL-5 level performance is required.



Values are typical and may vary within normal production ranges.

SAE GRADE	80W90
ISO - Viscosity Grade	144
AGMA Designation	5EP
Gravity, °API	27.7
Flash, C.O.C °F(Extrapolated) @100°C @210°C	765 76.8
Viscosity, cSt @40°C @100°C	144 14.72
Viscosity Index (D2270)	101
Brookfield Viscosity	<150000cP
Centipose, (cP) @ °C	-26°C
Pour Point °F °C	-21 29.4
Non-Channeling Temp	-31 -35
Timken OK Load, Pounds	60
Sulfur, %	1.2
Phosphorous	0.11
Specific Gravity @15.6°C (60°F)	0.8888
Pounds Per U.S. Gallon @ 15.6°C (60°F)	7.401

