

Multi-Grade Gear Lube

A premium quality, multi-purpose, fuel saving gear oil that decreases operating and maintenance costs and improves performance and profits

SWEPCO 210 Multi-Grade Gear Lube is a premium quality, true 80W-140, multi-purpose gear oil formulated for superior protection and more cost efficient operation of today's demanding heavy-duty manual transmissions, final drives and power take off units.

Safe, reliable, long term protection from wear, friction, oxidation, sludge, varnish and corrosion are characteristics of this versatile lubricant. These characteristics are the result of a uniquely effective blend of the very finest base oil stocks and the latest lubrication additive chemistry, including SWEPCO's special extreme pressure/anti-oxidant LUBIUM®.

■ **Energy Savings.** More than two million miles of over-the-road field testing have proven the superior lubricity and anti-wear performance of SWEPCO 210 can result in fuel savings of 1.2% to 3.6% when compared to 80W-90 and 85W-140 rear axle lubri-



SWEPCO 210 provides unexcelled lubricity, wear control and energy savings in a wide range of applications exposed to varying seasonal temperatures ... over the road or short haul, stationary or mobile, high shock or heavy load.

cants and as much as 5% when compared to straight 90 weight lubricants.

■ **Long Drain Service.** High quality base lubricating stocks and advanced additive chemistry provide SWEPCO 210 with superior thermal stability, shear strength and resistance to oxidation. These properties yield long term protection from wear, friction, oxidation, sludge, varnish and corrosion. Combined with SWEPCO's Lab TecSM Fluid Analysis Program, SWEPCO 210 can safely provide 200,000-mile or more drain service in over-the-road trucking applications.



Short haul, heavy load



Stationary applications



Extreme pressure



High shock

■ **A Single All Season Gear Oil.** As a true high performance 80W-140, SWEPCO 210 provides low temperature fluidity superior to an 80W-90 and high temperature protection exceeding that of a straight 140. SWEPCO 210 can replace 80W-90, 90, 85W-140 and 140 weight lubricants. This reduces lubricant inventories and mistakes and makes seasonal oil changes unnecessary.

■ **Meets Toughest Industry Standards.** SWEPCO 210 exceeds most manufacturers requirements and the industry's most severe service specifications, including the rigorous Mack Trucks, Inc., GO-J Wear Test for final drive units and the Rockwell Standard Specification 0-76B. It is an API-MT-1 lubricant which exceeds the requirements of MIL-PRF-2105E and API GL-5.

■ **Reduces Consumption.** For those users who maximize its life through an effective oil analysis program, SWEPCO 210 can significantly reduce gear oil consumption. Annual gear oil requirements can be reduced by as much as 50 to 75% with corresponding reductions in routine maintenance labor and downtime.


■ **Improves Low Temperature Lubrication & Shifting.** Because SWEPCO 210 has low temperature fluidity superior to an 80W-90 lubricant, it provides the maximum measure of protection in cold weather. Critical drive bearing channels in final drives are lubricated more quickly. And cold weather shifting in heavy-duty transmissions is improved. The result is less wear and better cold weather performance from both transmissions and final drives.

■ **Provides Superior High Temperature/Extreme Pressure Protection.** SWEPCO 210 also provides high temperature performance superior to a 140 weight gear oil.

The superiority of SWEPCO 210 comes from the most advanced chemistry available. SWEPCO starts with the finest straight solvent refined pure paraffinic base stocks which deliver superior low temperature flowability, high temperature stability and resistance to shear. They have a naturally high film strength which means superior lubrication. And their excellent resistance to oxidation means they just simply do the job longer. A high performance viscosity index improver assures proper high temperature thickening for improved shear stable film strength and protection from wear. And SWEPCO's own LUBIUM® automatically plates critical wear areas with a second safety film of solid lubrication in high temperature-extreme pressure conditions. This prevents metal to metal contact even if the base lubricant gets forced from between the gear teeth or bearing surfaces. LUBIUM® also enhances the naturally superior high temperature oxidation resistance of the base stocks. Superior anti-wear agents and friction modifiers provide additional protection from wear under high temperature, extreme pressure service. The remainder of the additive package used in SWEPCO 210 has been carefully selected to assure optimum performance and well balanced protection. Resistance to rust, corrosion, water emulsification and foaming have all been enhanced. And a special anti-squawk/anti-chatter additive has been included to assure trouble free performance from limited slip differentials.

Typical Physical Characteristics

API Gravity, 60°F	28.0
Flash point, COC, °F	400
Viscosity, 210°F, SUS	130
Viscosity 100°C, cST	25.98
Viscosity 100°F, SUS	1285
Viscosity, 40°C, cST	175.7
Pour Point, °C Max	-48
Viscosity Index	183



A Product of SPX Technology™.

... the cutting edge performance SWEPCO
Customers have come to expect.



Southwestern Petroleum Corporation

Fort Worth, Texas • Phone: (800)359-5823 or (817)332-2336 • Fax: (817)348-7237 • Web: www.swepcousa.com
Southwestern Petroleum Europe • Southwestern Petroleum Canada