

293 75W90 SUPREME GEAR LUBE SAE 75W-90

Supreme Gear Lube SAE 75W-90 is a para-synthetic, shear stable, thermally stable, thermally durable, multi-grade gear lubricant recommended for use in all types of automotive gear drive applications that require a gear oil to operate under severe, wide ambient temperature ranges.

Supreme Gear Lube SAE 75W-90 is blended from the finest quality, severely hydro-treated, polyalphaolefin (PAO) synthetic base fluids and severely solvent refined, severely hydro-finished, high viscosity index, 100% pure paraffin base oils available. Supreme Gear Lube SAE 75W-90 also contains a highly specialized, proprietary, non-corrosive, thermally stable, thermally durable, multifunctional, extreme pressure additive package.

This unique combination provides Supreme Gear Lube SAE 75W-90 with the following advantages:

- **Excellent low temperature properties which results in the bearings and gears being instantly lubricated at sub-zero temperatures the moment they start turning.**
- **Enhanced thermal and oxidative stability and durability to handle operating temperatures of 300°F to 350°F.**
- **Excellent protection to the gears and bearings even under the most extreme thermally, stressed operating conditions.**
- **Excellent hydrolytic and demulsibility characteristics**
- **Excellent extreme pressure properties to protect the gears and bearings from excessive wear and fatigue.**
- **Prevention of the formation of sludge and carbon deposits that erode the seals.**
- **Enhanced protection of copper, brass and bronze components from corrosion.**
- **Excellent protection of components from rust and corrosion.**
- **Excellent resistance to water and moisture.**
- **Low coefficients of traction, which result in fuel economy benefits.**
- **A high viscosity index**
- **Increased wear protection and longer gear life**
- **Compatibility with all types of seals for increased seal life**
- **Excellent water separability characteristics.**
- **Enhanced gear, bearing and seal cleanliness**
- **Excellent resistance to foaming.**
- **Longer lubricant and equipment life**
- **Reduced equipment downtime and maintenance costs**

Supreme Gear Lube SAE 75W-90 contains an extremely shear stable, polymer type, viscosity index improver which provides the Supreme Gear Lube SAE 75W-90 with a high viscosity index. These polymers expand as temperature rises and contract as the temperature is lowered allowing the Supreme Gear Lube SAE 75W-90 to exhibit low temperature properties that allow the gears and bearings to be safely started at low ambient temperatures and to have the proper viscosity needed at operating temperature and high ambient temperatures in order to minimize wear. This temperature selectiveness also enhances the Supreme Gear Lube SAE 75W-90's high temperature oxidation stability.

The trend among automotive and industrial gear drive manufacturers is to operate the equipment at higher speeds, loads, power densities and increased torque which results in higher operating temperatures and extreme thermal stress on the gear lubricants. Therefore, it is important that gear lubricants possess thermal stability and thermal durability characteristics.

