

SYNGEAR® SH®-7000 SERIES

GENERAL DESCRIPTION

Summit Syngear® SH®-7000 Series synthetic gear lubricants are formulated using synthesized hydrocarbon fluid and select additives to enhance oxidation resistance and provide maximum protection against wear, rust, corrosion and foaming. These PAO based fluids provide significantly better thermal and oxidation stability, as well as increased protection against the loss of viscosity than do conventional good quality mineral oils. The inherently high viscosity index of these oils provides higher viscosities and therefore greater film thickness at higher temperatures and lower viscosities for easy start-up and minimal internal friction at lower temperatures. The low coefficient of friction of the **Summit Syngear® SH®-7000 Series** lubricants substantially reduces power consumption and gearbox operating temperature, further prolonging the useful life of the lubricant.

APPLICATION

Summit Syngear® SH®-7000 Series lubricants are recommended for use under severe high or low temperature conditions when lubricating industrial enclosed gears and heavily loaded plain or rolling element bearings. They are particularly recommended for applications where high oil temperatures result in short oil life or high maintenance costs. **Summit Syngear® SH®-7032, SH®-7046 and SH®-7068** may be used in piston or gear type pumps, especially where pressures exceed 1000 psi or when operating over a wide temperature range. Use **Summit Syngear® SH®-7032** through **Syngear® SH®-71000** for applications where the corrosion of yellow metals is a concern, as these lubricants do not contain additives which tend to attack metals such as brass, bronze or copper.

The **Summit Syngear® SH®-7000 Series** lubricants are compatible with essentially all seal materials, plastics and paints, including nitrile Buna N, neoprene, viton, teflon, polyethylene, polyurethane ether, fluorocarbon, polyacrylate, polysulfate, ethylene acrylic, epoxy, plastisol, PVC, acrylic paint and lacquer.

