



NFG

PAO-GEAR EPXS

PAO-GEAR EPXS Series gear lubricants are formulated using full synthetic polyalphaolefin base fluid, and a select combination of additives to enhance oxidization resistance and thermal stability while reducing frictional drag and protecting gears from failure due to heavy loading. This gear lubricant series meets the requirements of U.S. Steel 224 specifications, AGMA 9005-D94 specifications, DIN 51517 Par 3 CLP specification and API GL-4 Gear Service Category.

PAO-GEAR EPXS Series gear lubricants are an excellent choice for enclosed gears or heavily loaded plain or rolling element bearings. They are ideally suited for low speed gears and bearings where boundary or elasto-hydrodynamic lubrication (EHL) conditions exist. PAO-GEAR EPXS series lubricants are appropriately selected for gearboxes that operate under excessively high temperatures where other lubricants tend to oxidize quickly. And, they are suitable for use in piston or gear type pumps where pressures exceed 1000 psi or temperatures vary widely.

PRODUCT DATA SHEET

PAO-GEAR EPXS	100
ISO Grade	100
AGMA Number	3 EP
Specific Gravity	0.862
Viscosity @40°C, cSt @100°C, cSt	95.7 12.9
Viscosity Index	132
Flash Point, °F (°C)	485 (252)
Pour Point, °F (°C)	-42 (-41)
Timken OK, lbs.	65
Four Ball Weld, kgs	200
Four Ball Scar, mm	0.30
FZG Gear Test	12+ Pass
Copper Corrosion	1A
Rust Test	Pass