

PRODUCT DATA SHEET



PAO-GEAR EPX Series

Synthetic Gear Lubricant

NFG
NON-FOOD GRADE

PAO-GEAR EPX Series are gear lubricants designed for use in gear drives, hydraulic systems, pumps and compressors where moderate to heavy loads and high temperatures are common. They are formulated using a full synthetic polyalphaolefin base fluid and a select combination of additives, to provide enhanced oxidization resistance, thermal stability and maximum protection against wear, corrosion, rust and foaming - All while protecting yellow metals, including brass, bronze and copper. High viscosity indexes allow the lubricant to maintain viscosity levels throughout a wide temperature range. PAO-GEAR EPX Series gear lubricants are an excellent choice for enclosed gears (including worm gears) or plain or rolling bearings operating under severely high or low temperatures. PAO-GEAR EPX Series are compatible with nearly all commonly used seal materials.

Properties / Characteristics	PAO GEAR EPX				
	100	150	220	320	460
ISO Grade	100	150	220	320	460
Viscosity					
	@40°C, cSt	95.2	156.3	230.4	311.3
@100°C, cSt	12.9	18.3	24.0	29.6	41.4
Viscosity Index	133	131	131	130	133
Flash Point, °F	500	500	504	518	518
	(°C)	260	260	262	270
Pour Point, °F	-49	-49	-31	-27	-17
	(°C)	-45	-45	-35	-33
Copper Corrosion Test	1b	1b	1b	1b	1b
Rust Prevention	Pass	Pass	Pass	Pass	Pass
Evaporation Loss %	<1%	<1%	<1%	<1%	<1%
Specific Gravity	0.87	0.87	0.87	0.88	0.88