

# PRODUCT DATA SHEET



*NFG*  
**NON-FOOD GRADE**

## PAO-GEAR EPXS

Synthetic Extreme Pressure Gear Lubricant

PAO-GEAR EPXS Series gear lubricants are formulated using full synthetic polyalphaolefin base fluid and a select combination of EP additives as well as other additives to enhance oxidization resistance and thermal stability while reducing frictional drag and protecting gears from failure due to heavy loading.

PAO-GEAR EPXS Series gear lubricants are an excellent choice for enclosed gears or heavily loaded plain or rolling element bearings.

PAO-GEAR EPXS series gear lubricants are appropriately selected for enclosed gearboxes that operate under excessively high temperatures where typical lubricants tend to oxidize quickly. They are appropriate for Spur, Helical, Bevel & Worm gear applications.

PAO-GEAR EPXS series gear lubricants meet the requirements of U.S. Steel 224 specifications, AGMA 250.04; DIN 51517 Part 3; David Brown S1.53.101; Cincinnati Milacron.

Properties / Characteristics	PAO-GEAR EPXS					
ISO Grade	100	150	220	320	460	680
AGMA Number	3EP	4EP	5EP	6EP	7EP	8EP
Viscosity @40°C, cSt	102	152	237	309	480	609
@100°C, cSt	13.2	17.8	24.9	28.3	41.0	44.5
Viscosity Index	127	130	133	123	133	121
Flash Point, °F	464	450	450	450	450	450
(°C)	240	232	232	232	232	232
Pour Point, °F	-49	-49	-33	-33	-22	-4
(°C)	-45	-45	-37	-37	-30	-20
Copper Corrosion Test	1B	1B	1B	1B	1B	1B
Rust Prevention	Pass	Pass	Pass	Pass	Pass	Pass
Carbon Residue	Nil	Nil	Nil	Nil	Nil	Nil
Timken OK Load, lbs.	75	80	85	85	85	85
FZG Gear Test	12+	12+	12+	12+	12+	12+