

PRODUCT DATA SHEET



PAO-GEAR Food Grade Series

Synthetic Gear Lubricant

FG
FOOD GRADE

PAO-GEAR Food Grade - is a full synthetic hydrocarbon (PAO) based gear lubricant with an additive blend that includes oxidization inhibitors, anti-wear additives and an additive to improve gasket and seal characteristics.

PAO-GEAR Food Grade was developed specifically to meet the rigors of the baking, meat and poultry processing, bottling canning, dairy and packaging industries.

Available in viscosities from 100 to 680, PAO-GEAR Food Grade is suitable for gearboxes and drives in production machinery, power transmission systems, and other applications.

PAO-GEAR Food Grade meets FDA requirements for use where incidental contact with food is possible and is NSF Registered, H1.



Nonfood Compounds
Program Listed: H1
Registration

Properties / Characteristics	PAO-GEAR Food Grade					
	100	150	220	320	460	680
ISO Grade	100	150	220	320	460	680
Viscosity @40°C, cSt @100°C, cSt	93 .6	147	225.1	319	461	683
	12.9	17.6	23.4	30.5	39.1	52
Viscosity Index	136	132	128	132	130	130
Flash Point, °F (°C)	460	460	504	518	518	518
	238	238	262	270	270	270
Pour Point, °F (°C)	-44	-35	-44	-36	-31	-30
	-42	-37	-42	-38	-24	-23
Copper Corrosion Test	1b	1b	1b	1b	1b	1b
Specific Gravity	0.084	0.085	0.085	0.085	0.085	0.085
Foaming Sequence	Nil	Nil	Nil	Nil	Nil	Nil
NSF Registered H1	(#16785 1)	(#15474 8)	(#15474 9)	(#15328 1)	(#15326 9)	(#15327 0)