

# 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 460, 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.

Properties / Characteristics	PAO-GEAR Food Grade				
	100	150	220	320	460
ISO Grade	100	150	220	320	460
Viscosity @40°C, cSt	93.6	147	225.1	319	461
@100°C, cSt	12.9	17.6	23.4	30.5	39.1
Viscosity Index	136	132	128	132	130
Flash Point, °F (°C)	460 238	460 238	504 262	518 270	518 270
Pour Point, °F (°C)	-44 -42	-35 -37	-44 -42	-36 -38	-31 -24
Copper Corrosion Test	1b	1b	1b	1b	1b
Specific Gravity	0.084	0.085	0.085	0.085	0.085
Foaming Sequence	Nil	Nil	Nil	Nil	Nil
NSF Registered H1	(#167851)	(#154748)	(#154749)	(#153281)	(#153269)



Nonfood Compounds  
Program Listed: H1  
Registration