

# PRODUCT DATA SHEET



## PAO-GEAR Food Grade 680

*FG*  
*FOOD GRADE*

### Synthetic Gear Lubricant

PAO-GEAR Food Grade is a full synthetic hydrocarbon (PAO) based gear lubricant with an additive blend that includes oxidization inhibitors, anti-wear and extreme pressure (EP) elements that extend the service life of the lubricant and enable it to meet the highest level of the FZG gear wear test.

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 150 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.

Properties / Characteristics	PAO-GEAR Food Grade 680
ISO Grade	680
Specific Gravity	0.862
Viscosity @ 40°C, cSt @100°C, cSt	655 50
Viscosity Index	131
Flash Point, °F (°C)	495 (257)
Fire Point, °F (°C)	560 (293)
Pour Point, °F (°C)	-20 (-29)
FZG Gear Test	12+ Pass
NSF Registered (153270)	H1



Nonfood Compounds  
Program Listed: H1  
Registration