

# PRODUCT DATA SHEET



*FG*  
*FOOD GRADE*

## SYN-AIR Food Grade

### Synthetic Compressor Lubricant

SYN-AIR Food Grade Series lubricants are specifically formulated to provide superior performance and extended service life, even in high temperature environments, including bakeries and food processing environments where durability, longevity and food grade approval are required.

SYN-AIR Food Grade's PAO Synthetic and Proprietary Synthetic base oils are blended and fortified with additives to provide anti-wear protection, rust and corrosion resistance, reduced friction, reduced deposit formation, oxidative and hydrolytic stability that result in extended service life (8,000+ hours).

Applications for this high performance, long-life lubricant include:

- Rotary Screw Compressors
- Vacuum Pumps
- Circulating Systems

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

Properties / Characteristics	SYN-AIR Food Grade		
ISO Grade	32	46	68
Viscosity @40°C, cSt	31.8	41.7	67.8
@100°C, cSt	6.08	7.31	10.41
Viscosity Index	140	140	140
Specific Gravity	0.85	0.86	0.86
Flash Point, °F (°C)	486 252	491 255	491 255
Pour Point, °F (°C)	-52	-40	-39
Copper Corrosion Test	1B	1B	1B
Demulsibility	40-40-0 (<5)	40-40-0 (<5)	40-40-0 (<5)
Color	Pale Yellow	Pale Yellow	Pale Yellow
NSF Registration	H1	H1	H1



Nonfood Compounds  
Program Listed, H1  
Registration