

# PRODUCT DATA SHEET



## SYN-AIR Food Grade 46

*FG*  
**FOOD GRADE**

### Synthetic Air Compressor / Vacuum Pump Lubricant

SYN-AIR Food Grade Series lubricants are specifically formulated for use in rotary screw, vane and reciprocating air compressors and vacuum pumps and are ideally suited for use in bakery and food processing environments where extended lubricant life and food grade approval are required.

SYN-AIR Food Grade's multi-synthetic (PAO/Ester) base oils provide outstanding solvency which retards sludge and deposit formation. This synthetic base oil blend combined with high performance additives also affords excellent protection from wear, rust and corrosion.

Field tests have yielded results showing the lubricants to last between 8,000 and 10,000 hours, depending on operating conditions.

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 46
ISO Grade	46
Viscosity @ 40°C, cSt @100°C, cSt	45.5 7.5
Viscosity Index	130
Flash Point, °F (°C)	505 (263)
Pour Point, °F (°C)	-40 (-40)
Rust Test	Pass
Copper Corrosion Test	1A
Four Ball Wear Test (mm)	0.40
Water Separation/Emulsion Tendency	40/40/0 10 Minutes
NSF Registered (153273)	H1

