

# PRODUCT DATA SHEET



## REF-SYNPAO Food Grade 46

*FG*  
*FOOD GRADE*

### Synthetic Refrigeration Compressor Oil

REF-SYNPAO Food Grade Series lubricants are premium PAO synthetic oils that contain no paraffin. They were developed for use in rotary screw and reciprocating compressors in refrigeration service compressing ammonia, methyl chloride or carbon dioxide. They are not recommended however for use with chlorinated hydrocarbons (CFC's) or sulphur dioxides.

REF-SYNPAO Food Grade is a wax-free PAO that provides outstanding resistance to thermal/oxidative degradation. The carefully formulated and balanced additive package provides long service life, superior rust and corrosion resistance and excellent deposit control. With its naturally high shear stable viscosity index and low temperature fluidity, it is able to perform in severe service conditions that are beyond the capabilities of conventional mineral oils.

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

Properties / Characteristics	REF-SYNPAO Food Grade 46
ISO Grade	46
Specific Gravity	0.8323
Viscosity @40°C, cSt @100°C, cSt	45.8 7.8
Viscosity Index	136
Flash Point, °F (°C)	510 (266)
Fire Point, °F (°C)	530 (277)
Pour Point, °F (°C)	-78 (-61)
NSF Registered (#153637)	H1



Nonfood Compounds  
Program Listed: H1  
Registration