



Our Business is Global

TECHNICAL DATA

FOODSAFE SYNFRIG FG SERIES FOOD GRADE SYNTHETIC REFRIGERATION LUBRICANTS

SYNFRIG FG Series synthetic hydrocarbon compressor - refrigeration lubricants are specially designed to function under severe service conditions in the Bakery and Food Service Industries where incidental contact with food may occur.

PRODUCT APPLICATION

- SYNFRIG FG-32 is designed to operate in rotary compressors requiring an ISO 32 viscosity rating.
- SYNFRIG FG-68 is designed to operate in rotary screw compressors requiring an ISO 68 viscosity rating.
- SYNFRIG FG-100 is designed to operate in reciprocating compressors requiring an ISO 100 rating.

PRODUCT FEATURES

- Approved by the U.S.D.A. for H-1 applications (lubricants with possible food contact), they comply with the requirements of F.D.A. 21 CFR 1778.3570
- These fluids have a very high viscosity index and operate extremely well under both low and high temperatures.
- Contain no paraffin and can be mixed with petroleum-based fluids.
- Compatible with various fluorinated refrigerants, ammonia, methyl chloride and carbon dioxide.
- Available in 5 gallon pail or 55 gallon drum

Physical Properties

Typical Properties	ASTM Test Method	ISO 32 SAE 10W	ISO 68 SAE 20W	ISO 100 SAE 30
SynFRIG FG SERIES		FG-32	FG-68	FG-100
Viscosity Index	D-2270	135	143	149
Viscosity @ 40° C, cSt	D-445	31.0	63.3	85.3
Viscosity @ 100° C, cSt	D-445	5.9	10.0	12.8
Flash Point, ° F (°C)	D-92	460 (238)	470 (243)	475 (246)
Pour Point, ° F (°C)	D-97	-90 (-68)	-55 (-48)	-50 (-46)
Fire Point, ° F (°C)	D-92	510 (266)	515 (268)	520 (271)
Specific Gravity	D-1298	0.8300	0.8320	0.8455
Color	D-1500	Clear	Clear	Clear

HANDLING PRACTICES For information on the safe handling and use of this product, refer to the Material Safety Data Sheet. For more information and availability, call (630) 513-6350.

**SYNFRIG FG LUBRICANTS PROVIDE MAXIMUM PROTECTION,
IN AN EXTREMELY TOUGH ENVIRONMENT,
FOR YOUR REFRIGERATION COMPRESSORS**



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Member of the American Baking Society