

SYNLUBE CO FG



Overview: SynLube CO FG is a food grade synthetic compressor lubricant that meets the guidelines of an H1 product for incidental food contact. It is made from high quality synthetic base oils for outstanding thermal and oxidation stability. It is fortified with a unique additive system for maximum protection against wear, rust, corrosion and foaming, reducing downtime and minimizing operating costs. SynLube CO FG is offered in a range of viscosities for use in a variety of rotary and reciprocating compressors.

Specifications, Approvals, Recommendations:

- NSF H1 Food Grade Lubricant

Physical Properties	FG 32	FG 46	FG 100	FG 150
ISO Grade	32	46	100	150
Specific Gravity, ASTM D1298	.83	.83	.83	.83
Viscosity, ASTM D445 @40°C, cSt	32	46	100	150
Viscosity, ASTM D445 @100°C, cSt	6	8	13	19
Viscosity Index (VI), ASTM D2270	132	132	135	145
Pour Point, ASTM D97, °F (°C)	-60 (-51)	-60 (-51)	-55 (-48)	-40 (-40)
Flash Point, ASTM D92, °F (°C)	>470 (243)	>530 (277)	>535 (279)	>515 (268)
Demulsibility, ASTM D1401	40/40/0 (15)	40/40/0 (5)	40/40/0 (5)	43/37/0 (10)
Copper Corrosion, ASTM D4048	1A	1A	1A	1A
Rust Test, ASTM D665, A & B	PASS	PASS	PASS	PASS

Features & Benefits:

- Primary applications are in food processing and food packaging plants
- Reduces friction to minimize wear and energy usage
- Inhibits rust and corrosion
- Extreme resistance to high temperature oxidation and degradation
- Outstanding water demulsibility
- Compatible with common seal materials
- Extended life reduces maintenance costs