



Syncom Food Machinery Oil

NSF H-1 approved



SYNCOM FOOD MACHINERY OILS are fully synthetic, H-1 certified rotary screw air compressor oil formulated from synthesized hydrocarbon base oils and selective additives to minimize wear, inhibit rust & corrosion, resist oxidation and minimize foam. SYNCOM FM OIL is available in three ISO viscosity grades to meet the specifications of all major builders of rotary screw air compressors. SYNCOM FM OIL offers extended drains, significantly reduced wear and greatly reduces deposits compared to mineral oils in this demanding service. Superior thermal stability and exceptional oxidation stability allows them to operate without coking or corrosion. SYNCOM FM OIL is formulated to conform to NSF/FDA Section 21 CFR 178.3620(b) and 21 CFR 172.878 and is NSF H-1, authorized for use in federally inspected meat and poultry plants.

FEATURES AND BENEFITS

- Versatile, premium oil for food grade applications and compressors.
- Superior thermal & oxidation stability to minimize deposits.
- Extended Drain Intervals.
- Significantly reduced component wear.
- High viscosity index minimizes consumption.
- Excellent rust and corrosion prevention.
- NSF H-1 certified.
- Miscible with conventional mineral oils.
- Certified Kosher and Pareve for Passover.
- Certified Crescent M Halal.
- Reduces energy consumption.

APPLICATIONS/RECOMMENDED PERFORMANCE SPECIFICATIONS

- All rotary screw compressors requiring ISO VG 32, 46 or 68 lubricants.
- Vane-type air compressor.
- Rotary screw air compressors in food processing plants that require NSF H-1 lubricants.

Syncom Food Machinery Oil	Typical Characteristics		
	32	46	68
ISO Grade			
Gravity, °API	39.5	39.2	37.7
Flash Point, °F	469	507	507
Pour Point, °F Max.	<-40	<-40	<-40
Viscosity			
SUS @ 100°F	150	210	330
SUS @ 210°F	46	52	62
cSt @ 40°C	30.88	45.8	72.1
cSt @ 100°C USP	5.86	7.65	10.62
Viscosity Index	136	135	135
Color, ASTM D-1500	<0.5	<0.5	<0.5

Minor variations in test data are to be expected in normal manufacturing