

FG Synthetic Oil



General Description

FG Synthetic Oil is formulated with 100% high quality synthetic base oils with excellent anti-wear, oxidation, and rust prevention components to provide superior performance in food processing facilities where NSF H1 registered or Kosher Pareve and Halal certified lubricants are required. FG Synthetic Oil is a nonstaining, odorless, nonirritating oil with superb load carrying capability and excellent low temperature properties. Special additive provides water resistance, corrosion barrier, and greater stability. Excellent compatibility with seals and load carrying capability.

Typical Applications

Cenex® FG Synthetic Oil meets or exceeds:

- Registered NSF H1
- Certified Kosher Pareve
- Certified Halal by IFANCA
- Staining sensitive processes
- Incidental food contact

Typical Properties

ISO VG	32	46	68
API Gravity	38.8	38.0	37.2
Kinematic Viscosity @ 100°C	6.1	7.7	10.6
Kinematic Viscosity @ 40°C	32.1	46.2	69.5
Viscosity Index ASTM D2270	138	135	138
Pour Point °C ASTM D97	-60	-54	-48
Rust Test ASTM D665B	Pass	Pass	Pass
Copper Corrosion ASTM D130	1b	1b	1b
Oxidation by RPVOT, minutes, ASTM D2272	1,000	1,000	1,000
Four Ball Wear @ 75°C, mm wear, ASTM D4172	0.39	0.39	0.39
Vickers Vane Pump, mg weight loss, ASTM D2882	Not Available	15.9	Not Available
Emulsion Characteristics @ 54°C, oil-water-emulsion/minutes, ASTM D1401	40-40-0/5	40-40-0/5	40-40-0/5
Foaming Characteristics 3 sequences, ml foam/time to break, ASTM D892	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0
Appearance	Translucent	Translucent	Translucent

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.