



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

Sales, Service & Distribution Center
Newark, NJ 07105
Phone: 973-589-9150 Fax: 973-589-4432

Manufacturing, Sales, Service & Distribution Center
Toledo, OH 43605
Phone: 419-691-2491 Fax: 419-693-3806

Sales and Tech Service Support
Phone: 1-800-733-4755

PRODUCT DATA

LUBRIPLATE SYNCOOL FG

SYNTHETIC BIODEGRADABLE AIR COMPRESSOR FLUID

NSF International H-1 Registered
This product is certified OU Kosher Pareve
Halal certified - Pending

DESCRIPTION

LUBRIPLATE Syncool FG is a NSF/H-1 registered 100% synthetic polyglycolester (PGE) fluid targeted for high performance in rotary screw and rotary vane air compressors where high operating temperatures are present. It is formulated with state of the art additives to enhance its inherent outstanding performance characteristics.

APPLICATIONS

Typically, compressors with discharge air temperatures ranging from 210°F to 240°F are candidates for LUBRIPLATE Syncool FG.

LUBRIPLATE Syncool FG may be recommended against major industry PGE synthetic fluids when the customer/user wants to convert to a NSF/H-1 registered food grade fluid.

ADVANTAGES

- ⇨ It is biodegradable.
- ⇨ Excellent thermal and oxidation stability characteristics increase the service life of the lubricant resulting in extended drain intervals; typically 8,000 hours under normal conditions.
- ⇨ Non-carbonizing which eliminates harmful deposits.
- ⇨ High viscosity indexes, which means less change in the viscosity of the fluid over a wide temperature range.
- ⇨ Excellent lubricity qualities, very low coefficients of friction and superior heat transfer characteristics resulting in lower operating temperatures and energy savings.

Biodegradation:

Test Method:	OECD 301F, ISO 9408, 92/69/EEC, C.4-D
Method of Analysis:	BOD of the ThOD
Degree of Elimination:	>70%
Evaluation:	Readily biodegradable (according to OECD criteria) The product is biodegradable

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Viscosity cSt @ 40°C	ASTM D-445	44.50
Viscosity cSt @ 100°C	ASTM D-445	8.98
Viscosity Index	ASTM D-2270	188
Pour Point	ASTM D-97	-45°F/-43°C
Flash Point	ASTM D-92	530°F/277°C
Fire Point	ASTM D-92	595°F/313°C
API Gravity	ASTM D-287	12.5
Color	ASTM D-1500	L1.0
Density		8.15#
ISO Viscosity Grade		46
4-Ball Wear Test	ASTM D-4172	0.35 mm
Copper Corrosion	ASTM D-130	1a
Rust Prevention	ASTM D-665A	Pass
Four Ball EP Weld Test	ASTM D-2266	120 Kg.
Load Wear Index		32
FZG Pass Stage	DIN 51354	12

PACKAGING AVAILABLE

5 Gallon Pail
55 Gallon Drum

Part No.

L0963-060
L0963-062

*NSF International H-1 Registration No.

149789

**Registered H-1 by NSF International for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product.*

LUBRIPLATE encourages the use of our No-Charge Oil Analysis Program when using the LUBRIPLATE Syncool FG to determine the proper drain interval of individual compressors.