



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

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## PRODUCT DATA

# LUBRIPLATE SYNCOOL

## SYNTHETIC BIODEGRADABLE AIR COMPRESSOR FLUID

### DESCRIPTION

LUBRIPLATE Syncool is a 100% synthetic polyglycolester 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 already inherent outstanding performance characteristics.

### APPLICATIONS

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

*LUBRIPLATE Syncool may be recommended against Sullair Sullube, Palatek Pallube and Ingersoll Rand SSR Ultra Coolant.*

### ADVANTAGES

⇒ It is biodegradable.

#### 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 (per OECD criteria)  
The product 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.



### Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Viscosity cSt @ 40°C	ASTM D-445	45.8
Viscosity cSt @ 100°C	ASTM D-445	8.02
Viscosity Index	ASTM D-2270	172
Pour Point	ASTM D-97	-40°F/-40°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		32/46
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

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

### PACKAGING AVAILABLE

5 Gallon Pail  
55 Gallon Drum

### Part No.

L0964-060  
L0964-062