

## SYF-900

### SYNTHETIC REFRIGERATION COMPRESSOR LUBRICANT (for R12, R22, R114, AMMONIA)

#### Product Description

The SYF-900 Series are a family of fully synthetic industrial lubricants developed specifically for refrigeration compressor. They are especially formulated, synthesized hydrocarbon lubricants for severe service under conditions that are beyond the capabilities of conventional mineral oils. In addition, they improve the performance and efficiency of standard refrigeration system compared to conventional mineral oils.

These four grades have very low pour points, Zero wax content, a high natural viscosity index and thermal stability. They exhibit Greater chemical stability in the presence of refrigerants and other systems components, and have a low volatility. Their low Solubility makes them suitable for systems using refrigerants such as R12, R114, and ammonia.

#### Application

SYF-900 Series are fully miscible with conventional mineral oils. If inadvertently mixed with mineral oils, there will be some loss in the superior performance properties of the synthetic lubricant. The lubricant however, can be continued in service until it becomes convenient of change the system,

#### Advantages

- SYF-900 Series offer these advantages and benefits:
- Improved wear protection at high temperatures
- No deposit formation in low-temperature systems
- Fewer discharge valve deposits

#### Typical properties

PROPERTIES	32	46	68	100	TEST METHOD
Specific Gravity 15.6 / 15.6 °C	0.832	0.832	0.836	0.836	ASTM1296
Flash Point °C	250	255	265	265	ASTMD92
Viscosity @ 40 °C CST	32	46	68	97	ASTMD45
Viscosity @ 100 °C CST	6	8	11.5	12.9	ASTMD45
Viscosity Index	132	135	148	148	ASTM2270
Pour Point. °C	-70	-60	-55	-53	ASTMD-92
Fire Point °C	280	285	300	310	ASTMD-92
Aniline Point °C	115	115	115	116	ASTMD-611
Moisture PPM	15	15	15	15	ASTMD-1744

#### Available Packs: 1, 5, 20, 50, 210 Ltr.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

All related specifications are meets or exceeds.