

**SYF 1740/150
SYNTHETIC GAS COMPRESSOR OIL**

Product Description

SYF-1740/150 is a high performance synthetic gas compressor lubricant based on a poly-alkylene glycol. It is designed for enclosed pattern gas compressors for hydrocarbon and chemical gases where the crankcase and bearings operate in a gas-filled atmosphere. Under these conditions the gas is readily soluble in mineral oil lubricants which, on dilution, suffer a significant drop in viscosity and lubricant performance. This problem can be overcome by using SYF-1740/150 in which the gases are much less soluble. SYF-1740/150 is particularly suitable for marine service on vessels carrying specialist liquefied gas cargoes.

Advantages

1. Reduced gas solubility leading to Improved wear protection, extended lubricant life, improved compressor efficiency and Reduced foaming.
2. Multigas service for a wide range of gases including vinyl chloride and butadiene. The lubricant does not promote the dimerisation of butadiene or generate solid deposits.

SYF-1740/150 therefore obviates the need to change to mineral oil for butadiene compression, thus simplifying the lubricant inventory, avoiding mistakes and saving time and expense.

Applications:

- SYF-1740/150 , is used for the following gases :
1. Liquefied petroleum gases such as propane and butane
 2. Liquefied natural gases such as methane and ethane
 3. Hydrocarbon chemical gases such as ethylene, propylene and butylene
 4. Chemical gases such as ammonia, vinyl chloride and butadiene

Typical Properties

SYF-1740/150	Values
Relative density	1.050 @ 25 ° C.(ASTM D 1298)
Viscosity	150 cst @ 40 ° C.(ASTM D 445)
	25 cst @ 100 ° C.
Viscosity index	200 (ASTM D 2270)
Flash point	260 ° C.(C.O.C.) (ASTM D 92)
Pour point	-30 ° C.(ASTM D 97)
Corrosion test	Rating (no corrosion), tested on cast iron and aluminum (test A DIN 5135).
Foam test (ASTM D 892)	Air, 45/10 @ 24 ° C.
	Air, 140/20 @ 93.5 ° C.
	Propane, 35/10 @ 24 ° C.
	Propane, 70/20 @ 93.5 ° C.

Available Pack : 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.