

SELCO SF - 580

COMPRESSOR LUBE

INTRODUCTION :

SELCO Compressor Lube SF-580 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 **SELCO Compressor Lube SF-580** in which the gases are much less soluble. **SELCO Compressor Lube SF-580** 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. **SELCO Compressor Lube SF-580** 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 :

SELCO Compressor Lube SF-580, 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 acetylene, propylene & butylene
4. Chemical gases such as ammonia, vinyl chloride and butadiene

TYPICAL PHYSICAL PROPERTIES :

SELCO Compressor Lube SF-580 is a clear pale yellow viscous liquid with a mild odour. Typical properties are given below :

Relative density	1.050 @ 25 ° C.(ASTM D 1298)
Viscosity	185 cst @ 40 ° C.(ASTM D 445) 35 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 aluminium (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.