

SF - 590

SYNTHETIC REFRIGERATION COMPRESSOR LUBRICANT (FOR H F C – 134 a)

Description :

SF 590 are fully synthetic lubricants developed specifically for Refrigeration compressors using HFC – 134a as Refrigerant. They are specially formulated **Polyol Esters** lubricants for severe service conditions that are beyond the capacities of conventional mineral oils, they improve the performance and efficiency of standard refrigeration systems compared to conventional oils. Polyol Ester base lubricants have miscibility with HFC, refrigerants such as HFC – 134a, similar to that of mineral oils with CFC's.

Application :

SF590 lubricant is designed for refrigeration systems with very high reciprocating compressor temperatures. They are also suitable for very low evaporator temperatures and for screw compressor system using refrigerants such as HFC – 134a.

Advantages :

- Improved wear protection at high temperatures
- No deposit formulation in low temperature systems
- Fewer discharge valve deposit
- Improved Compressor efficiency

Typical Characters :

Viscosity CST at 40 ⁰ C -	14.0	23.7	46	ASTM445
100 ⁰ C -		3.4	6.2	9.8
Viscosity Index	131	126	196	ASTMD2270
Pour Point	-60	-57	-51	ASTM D 97
Flash Point	246	257	298	ASTM D 92
Fire Point	274	293	310	ASTM D 92