



**LUBRICANTS™**

**POWER TO PERFORM™**

## **SEETUL S 68**

**REFRIGERATION COMPRESSOR OILS**

### **PRODUCT DESCRIPTION**

HPCL SEETUL S 68 are fully synthetic lubricants, designed for use in refrigeration compressors and heat pumps. They are formulated from polyalphaolefin (PAO) fluids, which have outstanding resistance to thermal/oxidative degradation. Their naturally high shear stable viscosity index and low temperature fluidity, make them perform in severe service conditions that are beyond the capabilities of conventional mineral oils.

Their solubility and miscibility with refrigerants is low, resulting in higher film thickness in the presence of refrigerants under pressure and reduced shaft seal leakage. Their stability and low volatility eliminates “light end stripping” which can occur with conventional mineral oils.

### **APPLICATION**

They are specifically recommended for the lubrication of refrigeration compressors operating at very high temperatures, and for systems with very low evaporator temperatures. They are suitable for compressor systems using refrigerants such as ammonia, carbon dioxide and HCFCs such as R-22; and CFC R-12. They are compatible with all refrigerants except sulphur dioxide. They are compatible with Mineral oils.

### **PHYSICO-CHEMICAL PROPERTIES**

ISO Viscosity Grade	68
Viscosity, ASTM D	
cSt @ 40 °C	68.0
cSt @ 100 °C	10.4
Viscosity Index, ASTM D 2270	145
Pour Point, °C, ASTM D 97	-45
Flash Point, °C, ASTM D 92	250
Specific Gravity @ 15° C ASTM D 1298	0.83