

application Non-POE Refrigeration oil for air conditioners or commercial refrigeration systems in which HFC's are used as the refrigerant.

chemical structure PVE (Polyvinyl ether)

- advantages**
- Compatible with all HFC refrigerants (R134a, R404A, R407C, R410A etc.)
 - **No Hydrolysis** unlike POE (Polyolester) Lubricants
 - Better solubility with **process fluids**
 - Superior resistance to **Capillary Tube Blockage**
 - Unsurpassed **Lubricity** for greater wear protection
 - Optimum for **Non-dryer System**

characteristics*

test item	test method	unit	Daphne Hermetic Oil	
			FVC32D	FVC68D
ISO Viscosity				
Density at 15°C	ASTM D1298	g/ cm ³	0.9252	0.9369
Colour	ASTM D1500		L0.5	L0.5
Flash Point / COC	ASTM D92	°C	178	204
Viscosity at 40°C	ASTM D445	mm ² /s	32.4	66.6
Viscosity at 100°C	ASTM D445	mm ² /s	5.12	8.04
Viscosity Index	ASTM D2270		78	84
Pour Point	ASTM D97	°C	-47.5	-37.5
Total Acid Number			<0.01	<0.01
Volumetric Resistivity		(RT)Ω· cm	7 x 10 ¹³	6 x10 ¹³
Copper Corrosion (100°Cx1h)	ASTM D130		1 (1B)	1 (1B)
Water content		ppm	100	100

*The above characteristics are mean values given as information.

package size 18 litre, 200 litre