



UNITED VESTA SYN S REFRIGERATION OIL

Product Description:

United Vesta Syn S Refrigeration Oil is blended with the selection chemical additive, the high quality naphthenic base oil and the special function double ester synthetic base oil. It is good with the halocarbon refrigerant's solubility to helpful in avoids the oil separation which freezes the system usually to occur and congeals frozen in the valve and the heat transfer surface question. United Vesta Syn S Refrigeration Oil has low pour point that is helpful in prevents the harmful waxiness precipitation, especially designed for the freezer lubrication use. United Vesta Syn S Refrigeration Oil has chemical stability, no reaction with the refrigerant and high thermostability that is helpful in prevents the oil the decomposition.

United Vesta Syn S Refrigeration Oil is suitable for all freezing compressor type: The reciprocating and rotary refrigeration compressors with the fluorine carbon refrigerant. But it cannot be used together with the sulphur dioxide or R134A refrigerant. According to the compressor manufacturer's recommendation, select the specific viscosity grade oil.

Applications / Benefits:

- ▣ Extremely low pour point
- ▣ Extremely good chemical stability
- ▣ Good anticorrosion anti-rust protection
- ▣ Ultra long service life

Typical Characteristics:

Test Description	Method		
ISO Viscosity Grade	-	68	100
Specific Gravity @ 15 °C	ASTM D 4052	0.904	0.908
Flash Point, °C	ASTM D 92	218	205
Pour Point, °C	ASTM D 97	-39	-33
Pour Point, °F	ASTM D 97	-38.2	-27.4
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	67.6	97.8
cSt @ 100°C	ASTM D 445	6.95	10.7
Viscosity Index	ASTM D 2270	32	90
Color	ASTM D 1500	<1.0	<1.0