

ArChine Refritech RAB100**Alkylbenzene refrigeration lubricant****PRODUCT DESCRIPTION**

ArChine Refritech RAB100 is a high quality synthetic alkylbenzene (AB) refrigeration lubricant and is intended for particularly arduous conditions. The lubricant is designed to be used with halogenated refrigerants in both refrigeration and air-conditioning applications. ArChine Refritech RAB100 is an excellent lubricant for systems using R-22, R-123 and R-502. This oil may also be used where high refrigerant lubricant solubility is required. ArChine Refritech RAB100 may be recommended for use in piston compressor refrigeration systems.

Some advantages of using the ArChine Refritech RAB100 over the traditional mineral oils are:

Better Oil Return	Superior Chemical and Thermal Stability
Better System Efficiency	Lower Foaming Tendency
Lower Floc Point	Excellent Miscibility
Superior Cleanliness	

TYPICAL PROPERTIES

Items	Standard Specification	Test Result	Test Method
Appearance	Clear	Clear	
Color (ASTM)	1.5 Max.	< 0.5	ASTM D-1500
Flash Point, °C (COC)	170 Min.	207	ASTM D-92
Viscosity / 40°C, cSt	90-100	98.1	ASTM D-445
Viscosity / 100°C, cSt	---	8.28	ASTM D-445
Viscosity Index		11	
Total Acid value, mg KOH/g	0.05 Max.	0.03	ASTM D-664
Water Content, ppm (in drum)	45 Max.	25.4	ASTM D-1533
Dielectric strength (kv)	30 Min.	37.6	ASTM D-877
Pour Point, °C	---	-27	ASTM D-97