

**ArChine Refritech RAB 56****Alkylbenzene refrigeration lubricant****PRODUCT DESCRIPTION**

ArChine Refritech RAB 56 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 RAB 56 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 RAB 56 may be recommended for use in piston compressor refrigeration systems.

Some advantages of using the ArChine Refritech RAB 56 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**

| ArChine Refritech RAB 56                      | Standard Specification    |
|-----------------------------------------------|---------------------------|
| Appearance                                    | Light yellow clear liquid |
| Density, 20°C, g/cm <sup>3</sup>              | 0.872                     |
| Kinematic Viscosity@40°C, mm <sup>2</sup> /s  | 52.4                      |
| Kinematic Viscosity@100°C, mm <sup>2</sup> /s | 5.63                      |
| Viscosity Index                               | -5                        |
| Flash Point, Open Cup, °C                     | -33                       |
| Fire Point, °C                                | 1                         |
| Pour Point, °C                                | 180                       |
| Copper Corrosion, 100°C, 3h                   | 196                       |
| Foaming, 24°C                                 | 5/0                       |

\*These values are not intended for use in preparing specifications.