

GB-3137-46

Alkylbenzene refrigeration lubricant

PRODUCT DESCRIPTION

GB-3137-46 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. GB-3137-46 is an excellent lubricant for systems using R-600a, R-22, R-123 and R-502. This oil may also be used where high refrigerant lubricant solubility is required. GB-3137-46 may be recommended for use in piston compressor refrigeration systems.

Some advantages of using the GB-3137-46 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 Physical Properties*

Appearance	Light Yellow clear liquid
Density, 20°C, g/cm ³	0.864
Kinematic Viscosity@40°C, mm ² /s	44.6
Kinematic Viscosity@100°C, mm ² /s	5.23
Viscosity Index	-1
Pour Point, °C	-33
Copper Corrosion, 100°C, 3h	1
Flash Point, Open Cup, °C	184
Fire Point, °C	202
Foaming, 24°C	15/0

*The above data is typical data, not as product specifications.

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