5580 Enterprise Parkway, Fort Myers, FL 33905
Office: 239-694-0089 Fax: 239-694-0031
www.mcscontrols.com

RC-HBR-AO1-5G

MINERAL REFRIGERATION OIL

Properties*

Packaging

5 Gallon Pail

RC-HBR-AO1-5G

Properties*

ASTM#		Typical Characteristics
D-445	**Kinematic Viscosity**	
	cSt @ 40°C	100
	cSt @ 100°C	8.4
D-2161	**Saybolt Viscosity**	
	SUS @ 100°F	928.2
	SUS @ 210°F	86.0
D-2270	Viscosity Index	93
D-4052 (Gardner Method)	Density, lb/gal, 60°F (15.5°C)	7.93
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.953
D-92	Flash Point, C.O.C., °F (°C)	360 (182)
	Fire Point, C.O.C., °F (°C)	550 (287)
D-97	Pour Point °F (°C)	-31 (-24)
D-877	Dielectric Strength, (kV)	46.6

HBR-AO1 is a MINERAL REFRIGERATION OIL designed for Hanbell Screw Compressors installed in air conditioning and industrial refrigeration equipment. This Naphthenic based lubricant is recommended for OEM retrofitting applications in equipment using Hanbell Rotary Screw Compressors per factory standards matched to the conditions and refrigerant specified.

Benefits

- Non hazardous (under 29 CFR1910.1200)
- High chemical stability resists reaction with all components in a properly designed refrigeration system
- High dielectric strength allows this refrigeration lubricant to be an excellent insulator between the motor windings and compressor body.
- Low wax content

Applications

Ideal for use in any system where a mineral refrigeration oil is beneficial to ensure proper lubrication of the compressor and other components found in a properly designed refrigeration system.

This lubricant is suitable for use in most medium and high temperature systems and compactible with systems using mineral oil.

Please note that each application is different and an oil cooler may be required. See your MCS representative for application.

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

Revised - 2024-02-26