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RC-HBR-B05-5G
Refrigeration Compressor Oil

Properties*

ASTM#		Typical Characteristics
D-445	**Kinematic Viscosity**	
	cSt @ 40°C	66.3
	cSt @ 100°C	8.9
D-2161	**Saybolt Viscosity**	
	SUS @ 100°F	345.0
	SUS @ 210°F	52.2
D-2270	Viscosity Index	108
D-4052 (Gardner Method)	Density, lb/gal, 60°F (15.5°C)	7.96
	Specific Gravity, g/cc @ 60°F (15.5°C)	.957
D-92	Flash Point, C.O.C., °F (°C)	505 (263)
	Fire Point, C.O.C., °F (°C)	560 (296)
D-97	Pour Point °F (°C)	-45 (-43)
D-877	Dielectric Strength, (kV)	44.0

Packaging

5 Gallon Pail

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HBR-B05 is a synthetic lubricant designed for Hanbell Screw Compressors installed in air conditioning and industrial refrigeration equipment. This Polyolester 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
- Low moisture content
- High dielectric strength allows this refrigeration lubricant to be an excellent insulator between the motor windings and compressor body.
- Low wax content reduces separation potential

Applications

Ideal for use in any system where a premium synthetic lubricant 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 systems utilizing a number of refrigerants including: R134A, R404A, R407C and R507. 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.

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