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technical data sheet

Arctic Lube Refrigerant Oils

Product Application:

Arctic Lube Refrigerant Oils are a highly processed naphthenic mineral oils formulated for use in refrigerant compressors.

These oils possess excellent pour points and stability allowing for excellent operation at low temperatures. This also provides for excellent heat transfer and evaporator cleanliness.

Beacon Arctic Lube Refrigerant oils are formulated to be thermo-shear resistant and chemically stable, providing for superior bearing and cross flow cylinder lubrication.

*Suitable for most refrigerant systems, including, but not limited to ammonia systems.

*It is not suitable for use in systems containing HFC or sulfur dioxide refrigerants.

Typical Characteristics:

Beacon Arctic Lube Refrigerant Oils	Beacon Arctic Lube 150	Beacon Arctic Lube 300
ISO Viscosity Grade	32	68
Viscosity, ASTM D 445, cSt @ 40°C	32.0	68.0
Pour Point, °C, ASTM D 97	-42	-42
Flash Point, °C, ASTM D 92	190	200
Specific Gravity @ 15° C/15° C, ASTM D 1298	0.91	0.91
Total Acid Number, ASTM D 974, mg KOH/g	0.01	0.01
Flocculation Point, R 12, DIN 51351, °C	-36	-31

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