

POWEROIL COOL

Refrigeration Oil

POWEROIL COOL OILS are premium grade Refrigeration Compressor oils formulated from highly refined naphthenic base stocks that have good oxidation stability.

APPLICATION

- POWEROIL Cool oils possess high fluidity at very low temperatures. They have long service life due to good oxidation and thermal stability thereby ensuring high condenser efficiency.
- POWEROIL Cool specially recommended for a wide range of refrigeration compressors using

PERFORMANCE BENEFITS:

- Good fluidity at very low temperature
- Good thermal and oxidation stability
- High condenser efficiency
- Suitable for both Reciprocating and Rotary Compressors

PERFORMANCE STANDARDS:

IS: 4578-1997

Carrier Corporation, USA - PP 46 –I

TYPICAL CHARACTERISTICS

CHARACTERISTICS	POWEROIL COOL			
	22	32	46	68
ISO VG	22	32	46	68
Kinematic Viscosity. @ 40°C, cSt	22	32	46	67
Flash point, COC, °C, Min.	140	160	160	170
Pour Point, °C, Max.	-36	-30	-27	-27
Freon Floc point, °C	-51	-48	-45	-36
Flash Point ,COC, °C, Min.	-39	-33	-30	-27
Cu Corrosion at 100°C	1a	1a	1a	1a
TAN, mg KOH/gm	0.35	0.35	0.35	0.35
Rust Test 24hrs, Synthetic Sea Water	Pass	Pass	Pass	Pass
FZG Gear failure load stage	11	12	12	12

Note: The above properties are typical values and do not constitute specification of the product.

Health, Safety & Environment

POWEROIL COOL is not expected to produce any significant health & safety hazard when used properly in intended application. However, avoid skin contacts by using proper Gloves. After skin contact, wash immediately with soap and water. For details, follow Material Safety Data Sheet.

Disposing of any used oil in drainage is hazardous to environment. Take used oil to an authorized Collection point.