

MAK FREEZOL

Description

These are highly refined specially treated straight mineral, Naphthenic oils.

Application

They are used in the lubrication of all types of refrigeration compressors operating at moderate evaporator temperatures and thermal loads. They can be used in open, hermetically sealed or semi-sealed industrial type Compressors

FREEZOL 32 has been approved by M/s. Godrej & Boyce and M/s. Carrier Aircon Ltd. for use in their compressors

Benefits

- Possess high chemical stability, low pour point and low wax forming tendency as required by refrigeration and air-conditioning compressors

Performance Level

- IS 4578: 1997

Technical Specifications

Characteristics	ASTM	MAK Freezol				
		12	32	46	68	100
Appearance	--	Clear fluid	Clear fluid	Clear fluid	Clear fluid	Clear fluid
Density at 15°C	D1298	0.8771	0.8851	0.8894	0.8959	0.8970
K.V at 40° C, cSt	D445	12.9	32.8	46.6	68.5	100.2
Viscosity Index	D2270	50	54	56	58	61
Pour Point, °C	D97	-45	-39	-33	-27	-27
Flash Point, (COC), °C	D92	152	188	196	210	244
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1a	1a	1a	1a	1a

All the mentioned values are typical which may vary from batch to batch.

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided

Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred.

Advice

For any further advice on applications or otherwise, please contact the nearest Bharat Petroleum territory office or Technical Services department at the address given below.

Bharat Petroleum Corporation Ltd.

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