

Refrigeration Lubricants

CARINA NF

Naphthenic Based Refrigeration Compressor Oils



Description

CARINA NF series have been designed specifically for the lubrication of refrigeration compressors and to be completely compatible with CFC and Ammonia refrigerant gases. These oils are formulated with top quality naphthenic base oils ensuring the oil can operate safely at low temperatures.

Features & Application

- Excellent chemical stability and compatibility, can be used with any of the normal refrigeration gases such as Ammonia, Freon 12, Freon 22, etc.
- Resistant to deposit formation, prevents compressors from suffering valve deposits and dirty parts.
- Outstanding low temperature performance will not produce wax deposits which would plug the refrigeration system and impair its efficiency.

Typical Physical and Chemical Properties

CARINA NF	Test Method	32	46	68
Appearance	Visual	C & B	C & B	C & B
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	32	46	69
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	4,6	5,6	6,6
Neutralization Number, mg KOH/g	ASTM D 974	<0,01	<0,01	<0,01
Density @ 15°C, g/cm ³	ASTM D 1298	0,905	0,908	0,912
Flash Point COC, °C	ASTM D 92	190	195	200
Pour Point, °C	ASTM D 97	-38	-37	-36

Meets the Specification

DIN 51503 KAA, KC and KE.

Packaging and Storage

Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 3 years. Available in in 180 KG drums and 900 KG IBCs.

Health and Work Safety

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling. Avoid eye and prolonged skin contact. Wash thoroughly after handling material. For more information please see the Material Safety Data Sheet (MSDS).

Data brought back in the present informative technical sheet describe the indicative medium characteristics of the product: these can be varied without warning and they do not constitute sale specifications. Rev. Date: 09/2016

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Manufactured in an ISO 9001,
14001 and 18001 certified plant.