

Respina Refrigeration N

Naphthenic refrigeration compressor oil



Description

Respina compressor N are naphthenic refrigeration compressor oils specially designed to meet the stringent requirements of major refrigeration compressor manufacturers. They are formulated with severely hydro-treated naphthenic base oils to provide excellent low temperature properties. They are specifically designed for operating with refrigerants such as R-11, R-12, R-22, R-113, R-500, R-501, R-502, R-717 (Ammonia), etc.

Specification and Approvals

- DIN 51503 KAA, KC and KE
- ISO 6743 L-DRA, L-DRE and L-DRG

Advantages & Benefits

- Low pour point ensures smooth operation at low temperatures
- Prevent breakdowns caused by formation of wax deposits at low temperatures
- High chemical and thermal stability with ammonia - NH₃
- Compatible with materials used in the entire refrigeration system

Typical Data

Property	N 32	N 46	N 68	Test method
Viscosity at 40°C	32	46	68	ASTM D445
Viscosity at 100°C	4.6	5.6	7	ASTM D445
Viscosity Index	63	47	58	ASTM D2270
Flash Point °C	+185	+195	+200	ASTM D92
Pour Point °C	-42	-39	-39	ASTM D97
Density kg/m^3	897	900	903	ASTM D4052

- ❖ Respina Refrigeration N oils are formulated and produced in RESPINA LUBRICANTS blending site and presented data is based on standard tests under laboratory conditions and is given as a guide only. These characteristics are typical of current production and acceptable variation may occur.