



PRODUCT DATA SHEET

EKO REFRIGERATION OIL N

Refrigeration Oils

DESCRIPTION

EKO REFRIGERATION OIL N oil series includes high performance naphthenic-based lubricants with a low pour point and excellent fluidity at very low temperatures, especially designed for refrigeration compressors.

SPECIFICATIONS

DIN 51503 KC/KA, BS 2626/92.

APPLICATIONS

- Rotary and reciprocating refrigeration compressor systems using ammonia or selected halogenated hydrocarbons (R12, R22, R502) as refrigerants.
- Refrigerated food compartments and cold chambers used in the industry.
- Refrigeration systems used in marine applications.

ADVANTAGES

- Its low paraffin content guarantees a very low pour point and excellent fluidity at low temperatures.
- Excellent chemical and thermal stability which leads to minimal deposit formation and an increase in the lifespan of the lubricant.
- No chemical reaction with coolants.



PRODUCT DATA SHEET

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO REFRIGERATION OIL N			
			32	46	68	100
ISO Viscosity Grade	-	-	32	46	68	100
Density, 15°C	ASTM D4052	g/ml	0.883	0.885	0.890	0.895
Kinematic Viscosity, 40°C	ASTM D445	cSt	32	46	68	100
Pour Point	ASTM D5950	°C	-42	-39	-36	-32
Flocculation Point, HCFC 22	DIN 51351	°C	-55	-52	-50	-45
Flash Point, COC	ASTM D92	°C	175	180	186	206

HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

Issue 4, 31 October 2022

This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.
Advice on safe handling is provided in the Safety Data Sheet.