



RAVENOL Kältemaschinenöl K 68

Kategorie: Industrial oil

Artikelnummer: 1331106

Viscosity: 68

Specification: KAA, KC 68

Oil type: Mineral

Application: Industry

RAVENOL Kaeltemaschinenoel K 68 is a highly refined, naphthenic refining oil, dewaxed for use as a refrigerating machine oil at low temperatures. Due to the high degree of refining the oil is very stable in contact with Ammonia (NH₃) and CFC's. The pronounced cold flow behavior ensures trouble-free operation. Precipitates and thus the risk of clogging of the control elements and deposits in the evaporator can be avoided. The good thermal stability prevented even at high compression temperatures residue formation and related malfunctions.

RAVENOL Kaeltemaschinenoel K 68 has a favorable mixing behavior with halogenated refrigerants and an excellent refrigerant stability.

20L | 1331106-020

208L | 1331106-208

Application Note

RAVENOL Kaeltemaschinenoel K 68 is recommended for conventional NH₃-applications with flooded evaporation in accordance with DIN 51 503 KAA, and for chlorofluorocarbons substances Recommended (CFC's) in accordance with DIN 51 503 KC.

Characteristics

- High chemical stability with NH₃ and chlorofluorocarbons (CFCs).
- A good cold flow property, even at low temperatures, which guarantees the oil return and an optimal efficiency of the system.
- No formation of wax precipitation at low temperatures
- A good solubility with fully and partially halogenated Chlorofluorocarbon materials
- A very low water content.
- A low pour point and floc point.

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Colour		hellgelb	VISUELL
R12 - insoluble	%	0,02	DIN 51590
Viscosity at 100 °C	mm ² /s	7,3	DIN 51562-1
Viscosity at 40 °C	mm ² /s	68,0	DIN 51562-1
Density at 20 °C	kg/m ³	911,0	EN ISO 12185
Flashpoint	°C	215	DIN EN ISO 2592
Refrigerant Resistance (R12)	h	>96	DIN 51593
NZ Neutralisation number	mg KOH/g	0,01	DIN 51558-1
Pourpoint	°C	-39	DIN ISO 3016

All indicated data are approximate values and are subject to the commercial fluctuations.

Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.

03.03.2023