

Product Information 08.20.16

01-07-2025

Carsinus FC 68

Description

Carsinus FC 68 is a premium, synthetic refrigeration compressor oil. The product is formulated from high-quality synthetic alkyl benzene oil and special additives. Carsinus FC 68 features the following properties:

- Very high thermal stability
- Outstanding resistance to oxidation
- Limits the formation of deposits
- A very low "floc point" of < -30 °C
- Mixes extremely well with mineral oils
- Can be mixed with all of the usual refrigerants, with the exception of chlorofluorocarbons (CFCs)

Application

Carsinus FC 68 can be used in compressors of open, semi-open or hermetically-sealed refrigeration systems, in which lower evaporator temperatures and higher condenser temperatures may occur. It is suitable for both rotating and reciprocating compressors. Carsinus FC 68 is suitable for household, commercial or industrial applications that make use of a variety of refrigerants, such as ammonia (R717), carbon dioxide (R744) or propane (P290).

Specifications

DIN 51503 KAA/KC

Typicals

Density at 15 °C, kg/l	0,871
Viscosity 40 °C, mm ² /s	68,00
Viscosity 100 °C, mm ² /s	6,20
Flash Point COC, °C	190
Pour Point, °C	-39

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.