



# Capella Low Temp AB 68

## High performance fully synthetic low temperature compressor oil

(formerly known as Refrigeration Oil Low Temp 68)

### Product description

Capella Low Temp AB 68 is a high performance additive-free refrigeration compressor oil, designed for the lubrication of compressors operating in R22 and R502 refrigeration systems at low evaporator temperatures.

A fully synthetic product, Capella Low Temp AB 68 is formulated with carefully selected alkyl benzene type components of the branched type.

### Customer benefits

- Promotes good miscibility with chlorofluoromethane type compounds (R22 and R502)
- Designed with a very low floc point and prevents excessive foaming in use
- Formulated for stability in the presence of chlorofluoromethane type refrigerant gases
- Stable formulation designed not to react with iron castings, reducing maintenance downtime
- Offers low temperature evaporator operation below -35C (R22) and -25C (R502)

### Product highlights

- **Promotes miscibility with chlorofluoromethane**
- **Designed with a very low floc point and to prevent excessive foaming**
- **Formulated for chlorofluoromethane stability**
- **Formulation designed not to react with iron castings**
- **Offers low temperature operation**
- **List the features as bullet points or a paragraph or one short descriptive paragraph**

#### Selected specification standards include:

Bock	Mycom (Mayekawa)
Howden Compressors	Sabroe

## Applications

- Capella Low Temp AB 68 satisfies the low temperature requirements of R22 and R502 systems. It has been developed exclusively for the lubrication of R22 and R502 compressors in refrigerating systems operating at evaporator temperatures below -35C (R22) and -25C (R502).

**Warning:** This product may only be used in cases where its characteristics meet manufacturer requirements.

## Approvals, performance and recommendations

### Performance

Capella Low Temp AB 68 meets the performance requirements of:

	R22	R502	Ammonia (R717)	CO2
Bock	X	—	X	—
Mycom (Mayekawa)	—	—	X	—
Howden Compressors	—	—	X	—
Sabroe	—	—	X	—

Capella Low Temp AB 68 range has been approved by major compressor builders such as Sabroe, Bock, Bitzer, Carrier, Thermoking, Dorin, Danfoss, Necchi/ ERC and Howden under its formerly name Refrigeration Oil Low Temp 68.

Typical test data		
Test	Test Methods	Results
Viscosity Grade		VG 68
<b>Shelf Life: 60 months from date of filling indicated on the product label.</b>		
Viscosity, Kinematic at 40 °C, mm <sup>2</sup> /s	ISO 3104	68
Density, 15 °C, Kg/l	ASTM D1298	0.867
Total Acid Number, mgKOH/g	DIN 51558	0.01
Flash Point, COC ,°C	ISO 2592	190
Pour point, °C	ISO 3016	-42
Freon Floc Point, °C, R12	DIN 51351	<-73
Freon Floc Point ,°C, R502	DIN 51351	-58
Freon Floc Point ,<)>, R22	DIN 51351	-60
Elsy test, %R22		0.46
Aniline point, ° C	ASTM D 611	70
Sulfated ash, wt%	ASTM D874	<0.1
Water content, ppm	ASTM D1744	<100

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

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