

Capella Low Temp AB 68

High Performance Fully Synthetic Refrigeration Oil



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.

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

Customer benefits

- Promotes good miscibility with chlorofluorometene type compounds (R22 and R502)
- Designed with a very low floc point to help prevent 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)

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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 refrigeration systems operating at evaporator temperatures below -35C (R22) and -25C (R502)

Product approvals, performance and recommendations

Capella Low Temp AB 68 meets the performance requirements of:

Capella Low Temp AB 68	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 former name of Refrigeration Oil Low Temp 68.

Consult OEM representatives for independent verification, updates and recommendations.

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Typical test data

CAPELLA LOW TEMP AB 68	TEST METHOD	RESULT
SAE Grade		68
Product Code		520408
Kinematic Viscosity, mm ² /s @ 40°C	ASTM D445	68
Flash Point, COC °C	ASTM D92	190
Pour Point, °C	ASTM D97	-42
Floc Point, R12 °C	DIN 51351	-73
Floc Point, R502 °C	DIN 51351	-58
Floc Point, R22 °C	DIN 51351	-60
Aniline Point, °C	ASTM D611	70
Water Content, mg/kg	ASTM D6304	30

ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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