



# Capella® Premium

Proven performance semi synthetic refrigeration  
compressor lubricant

Product Data Sheet

## Product description

Capella Premium is a proven performance semi synthetic refrigeration compressor lubricant designed for use in ammonia refrigeration compressors, and is formulated to offer protection against deposit formation and rust.

## Customer benefits

- Offers high resistance to oxidation in the presence of ammonia, aiding sludge-free system performance
- Lower volatility over conventional mineral oils promotes reduced oil consumption
- Low carry-over performance contributes to system cleanliness and operating efficiency
- High VI helps maintain lubrication efficiency and system protection during high temperature operation
- Balanced semi synthetic base formulation contributes to seal compatibility
- Low temperature fluidity promotes rapid lubricant circulation and system protection during cold starts
- Low pour-point helps prevent evaporator blocking, contributing to optimum thermal exchange

## Applications

- Capella Premium is recommended for the lubrication of ammonia refrigeration compressors
- Capella Premium is NOT recommended for refrigeration systems using halogenated refrigerants (Freon)

## Approvals and performance

### Performance

- DIN 51503-1 (KAA)

## Product highlights:

- Offers sludge-free keep clean system performance
- Contributes to reduced oil consumption
- Low carry-over performance
- Helps protect during cold starts and high temperature operation
- Selected specification standards include:
  - DIN

A Chevron company product



## Typical test data

CAPELLA PREMIUM TEST	TEST METHODS	RESULTS
Viscosity Grade		68
Product Code		33478
Kinematic viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	68
Kinematic viscosity, 100 °C, mm <sup>2</sup> /s	ASTM D445	9.15
Viscosity Index	ASTM D2270	113
Flash Point COC, °C	ASTM D92	262
Pour Point, °C	ASTM D97	-42
Density, 15 °C, kg/l	ASTM D4052	0.858

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.

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**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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