



# Capella<sup>®</sup> HFC

## High performance fully synthetic compressor lubricant

### Product description

Capella HFC is a high performance fully synthetic compressor lubricant designed with polyolester technology for use in refrigeration and air conditioning compressor systems. This product has demonstrated a significant contribution to keep-clean performance under numerous tests.

### Customer benefits

- Synthetic lubrication technology
- Polyolester technology offers thermal and chemical stability when used with environmentally responsible hydro fluorocarbon (HFC) refrigerants, especially R134a
- Promotes oil/refrigerant miscibility with R134a over a wide operational temperature range
- Synthetic lubrication technology contributes to compressor system keep-clean performance
- Aids resistance to copper transfer

### Applications

- Capella HFC lubricants have been specifically developed in cooperation with major refrigerant compressor manufacturers worldwide, for use with chlorine-free HFC/FC refrigerants, including R134a, R404a or R410a
- Capella HFC lubricants are especially suited for the first-fill and retrofit lubrication of refrigeration compressors in large food retail units, industrial systems, air conditioning, heat pump equipment and cooling systems in the transport sector

**Note:** Capella HFC lubricants readily absorb moisture from the surrounding air, which can cause system performance problems. Capella HFC packages should be kept sealed until time of use, and should not be reused once opened.

### Product highlights

- **Synthetic lubrication technology**
- **Offers thermal and chemical stability with R134a**
- **Miscible with R134a over a wide temperature range**
- **Keep-clean system performance**
- **Aids resistance to copper transfer**

Typical test data				
Test	Test methods	Results		
Viscosity Grade		32	55	100
Product Code		30248	36318	36315
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	32	55	100
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	5.7	8.6	11.2
Viscosity Index	ASTM D2270	140	138	102
Flash Point COC, °C	ASTM D92	>240	>270	>260
Pour Point, °C	ASTM D5950	<-48	<-39	<-30
Density, 15°C, kg/l	ASTM D4052	1.005	1.010	0.972

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 Sheets.

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). MSDSs 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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