



Capella® WF

Ultra high performance refrigeration compressor fluid

Product Data Sheet

Product description

Capella WF is an ultra high performance wax-free refrigeration compressor fluid, designed for the lubrication of refrigeration and air conditioning compressors, where refrigerants other than HFCs (hydrofluorocarbons) are required.

Capella WF is formulated with narrow-cut naphthenic base oils with a very low pour point and Freon Floc point.

Customer benefits

- Extremely low pour point and Freon Floc point promotes resistance to a loss of fluidity and wax or deposit formation
- Very low pour point and Freon Floc point contributes to evaporator efficiency, clean flow lines and control equipment
- Reliable lubricity helps protect against vulnerable component wear, reducing maintenance downtime
- Robust thermal stability aids resistance to harmful gum, varnish and sludge deposits
- Oxidation stability promotes protection against in-service oil thickening, deposit formation and helps extend oil change intervals
- Compatible with a wide range of refrigerants, helping reduce inventories and potential misapplications

Applications

- Reciprocating and rotary refrigeration compressors
- Air conditioning systems
- Refrigeration systems using chlorofluorocarbons (CFC's)
- Refrigeration systems using ammonia, hydrochlorofluorocarbons (HCFC's), carbon dioxide, sulphur dioxide or ethylene chloride

Not recommended for use in breathing air compressors.

Product highlights:

- Extremely low pour and Freon Floc point
- Contributes to equipment efficiency and cleanliness
- Helps protect against vulnerable component wear
- Aids resistance to harmful gum, varnish and sludge deposits
- Promotes protection against in-service oil thickening
- Compatible with a wide range of refrigerants
- Selected specification standards include:
 - ABB Stal Refrigeration AB
 - APV - Baker
 - Bitzer Kuhlmaschinenbau
 - Bock
 - British Standard
 - Gram
 - Grasso
 - Linde
 - McQuay
 - Mycom
 - Sabroe
 - Sullair
 - Technofrigo Dell'Osto
 - York

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Approvals and performance specifications

Performance specifications

- ABB Stal Refrigeration AB
- APV - Baker (ISO VG 68)
- Bitzer Kuhlmaschinenbau
- Bock
- British Standard BS 2626:1992, Type A Lubricants
- Gram
- Grasso
- Linde
- Mycom
- Sabroe
- Sullair
- York

Approvals

- McQuay
- Technofrigo Dell'Osto

Typical test data

CAPELLA WF		
TEST	TEST METHODS	RESULTS
Viscosity Grade		68
Product Code		520404
TAN, mg KOH/g	ASTM D0664	0.01
Flash Point COC, °C	ASTM D92	198
Floc Point R12, °C	FTM 791C/86	-50
Pour Point, °C	ASTM D97	-30
Kinematic viscosity, 40 °C, mm ² /s	ASTM D445	68
Kinematic viscosity, 100°C, mm ² /s	ASTM D445	6.7
Viscosity Index	ASTM D2270	22

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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continued

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.

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.

For more information, go to www.chevronlubricants.com

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CAPELLA WF/SA/PDSv1_03/06/2010

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