



Capella® WF

Ultra high performance refrigeration compressor lubricant

Product Data Sheet

Product description

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

Capella WF contains premium narrow-cut naphthenic base oils in a formulation designed to offer very low temperature fluidity with an extremely low pour point and Freon Floc point.

Customer benefits

- Extremely low pour point and Freon Floc point helps ensure essentially wax-free and efficient evaporator, line and control operation
- Ultra high performance lubricity and low temperature fluidity promotes system wear protection, efficiency and optimum uptime
- Advanced thermal stability aids resistance to harmful gum, varnish and deposit formation, helping reduce maintenance downtime
- Reliable oxidation resistance contributes to oil thickening protection, long fluid service life and extended oil change intervals
- Suitability for use with a wide range of refrigerants helps reduce inventory complexities and potential misapplications

Applications

- Reciprocating and rotary refrigeration compressors
- Air conditioning systems
- Refrigeration systems using chlorofluorocarbons (CFCs)
- Refrigeration systems using ammonia, hydrochlorofluorocarbons (HCFCs), carbon dioxide, sulphur dioxide or ethylene chloride
- Not recommended for use in breathing air compressors

Product highlights:

- Efficient keep-clean system operation
- Reliable system wear protection
- Harmful gum, varnish and deposit protection
- Oil thickening resistance
- Long fluid service life
- Suitability for use with a wide range of refrigerants
- Selected specification standards include:
 - ABB Stal Refrigeration AB
 - APV - Baker (ISO VG 68)
 - Bitzer Kuhlmaschinenbau
 - Bock
 - BS 2626:1992, Type A Lubricants
 - Gram
 - Grasso
 - Linde
 - McQuay
 - Mycom
 - Sabroe
 - Sullair
 - Technofrigo Dell'Osto
 - York

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Approvals and performance

Performance

- British Standard BS 2626:1992, Type A Lubricants
- APV - Baker (ISO VG 68)
- Bitzer Kuhlmaschinenbau
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Approvals

- McQuay
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Typical test data

CAPELLA WF				
TEST	TEST METHODS	RESULTS		
Viscosity Grade		32	46	68
Product Code		520401	520403	520404
TAN, mg KOH/g	ASTM D0664	0.01	0.01	0.01
Flash Point COC, °C	ASTM D92	186	194	198
Floc Point R12, °C	FTM 791C/86	-60	-55	-50
Pour Point, °C	ASTM D97	-39	-36	-30
Kinematic viscosity, 40 °C, mm ² /s	ASTM D445	32	46	68
Kinematic viscosity, 100°C, mm ² /s	ASTM D445	4.4	5.4	6.7
Viscosity Index	ASTM D2270	9	20	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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compressor lubricant

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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