

Technical data sheet

FLUIDO CF Series

POE based refrigeration compressor lubricants

The **FLUIDO CF** series are synthetic refrigeration oils based on thermally and hydrolytically stable polyols esters (POE).

The products of the **FLUIDO CF** series, due to their intrinsic miscibility have been developed for applications with the most common HFC/FC refrigerants such as R134a, R404a, R407c, R507 etc.

PHYSICAL and TECHNICAL SPECIFICATIONS

FLUIDO CF	METHOD	32	46	68	100	150	170
Appearance	MD 0	Clear liquid	Clear liquid	Clear liquid	Clear liquid	Clear liquid	Clear liquid
Density at 15°C (kg/l)	MD 42 A	0.950	0.950	0.952	0.953	0.960	0.960
Colour APHA	MD 31	<200	<200	<200	<200	<200	<200
TAN	ASTM D 974	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Viscosity at 40 °C	ASTM D 445	32	46	68	100	150	170
I.V. (Viscosity Index)	ASTM D 2270	149	149	144	144	145	148
Water K.F. (ppm)	ASTM E 230	<50	<50	<50	<100	<100	<100
Pour Point (°C)	ASTM D 92	≤ -50	≤ -45	≤ -42	≤ -36	≤ -36	≤ -36
Flash Point (°C)	ASTM D 97	≥ 230	≥ 230	≥ 234	258	278	≥ 278

The above reported physical and chemical specifications have been measured inside DOMUS CHEMICALS SPA laboratories, therefore they are not representing any legal guarantee about the properties of the marketed product. We recommended to make reference to the related quality certificate of the specific batch.

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MAIN APPLICATIONS

Suitable for domestic, industrial & automotive refrigeration circuits, our **FLUIDO CF** oils are mainly recommended for hermetic, semi-hermetic and open pistons units.

PACKAGING STORAGE & SHELF LIFE

IBC 900kg, Steel Drum 180kg

FLUIDO CF series must be stocked properly inside the original packaging and/or container, in a dry place, well-sealed and far from any heat source.

FLUIDO CF series if stoked properly, maintain the original characteristics for at least 2 years.

FLUIDO CF series can be easily pumped from tanks, even at low temperatures.

APPROVALS

The products of the **FLUIDO CF** series meet

- ISO 6743/3DRD
- ISO 6743/3DRE
- DIN 51503KD

HEALTH & SAFETY

Please refer to the material safety data sheets available for each product for more information.

NOTE

The information submitted in this publication is based on our current knowledge and experience. In light of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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Quality Control Laboratory

Domus Chemicals S.p.A.