

AN INTERNATIONAL DISTRIBUTION NETWORK TO SERVE YOU, WHEREVER YOU ARE



14 production sites and logistics centres
Subsidiaries and representatives in 17 countries



The availability and quality of a lubricant are essential. Climalife provides you with solutions and services to take you through your maintenance operations.

climalife®

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THE AXILIS CONCEPT

Axilis is a comprehensive means of analysing technical fluids that work in a thermodynamic system. Axilis is here to meet all your analysis needs, encompassing all Climalife product solutions.

+ Advantages of Acitest Unipro



Acitest Unipro: comes in a bottle and can instantly check the acidity of the in-service oil on site (regardless of oil type MN/AB/POE, etc.)

+ Advantages of DPH



DPH: enables the periodical diagnosis of the oil performed in the laboratory, for larger installations or those with a maintenance contract.

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HQ-POE by climalife®



LUBRICANTS FOR REFRIGERATION COMPRESSORS



climalife®



GAMME HQ-POE

by Climalife



The **HQ POE** lubricant range are synthetic and polyolester based lubricants designed for refrigerant compressors that work with HFC and HFO refrigerants used in refrigeration and air conditioning.

The properties of **HQ POE** provide excellent protection of the working parts against deterioration, and make them suitable across a broad range of operating temperatures.

Specifications

	HQ POE 22	HQ POE 32	HQ POE 46	HQ POE 68	HQ POE 170	HQ POE 220
Grade ISO	22	32	46	68	170	220
Viscosity @ 40°C (cSt) - ASTM D445	18.9	32.5	45.3	66.6	170	219
Viscosity @ 100°C (cSt) - ASTM D445	4.2	5.8	7.1	9.4	17.0	18.8
Viscosity @ index - ASTM D2270	120	121	116	120	107	98
Pour point (°C) - ASTM D97	-52	-46	-46	-39	-25	-25
Flash Point (°C) - ASTM D92	240	258	260	270	290	280
Density @ 20° (g/ml) - ASTM D1298	0.995	0.977	0.977	0.977	0.968	0.975
Acid Value (mg KOH/g) - ASTM D974	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

LUBRICANTS DESIGNED for refrigeration and AC systems

Building on our experience of cooling fluids since 1874, Climalife at the same time, has also acquired expertise of lubricants for refrigeration compressors.

Convinced by the importance of lubricant in a circuit, Climalife has developed its own brand of high quality HQ POE lubricants to meet your daily needs.

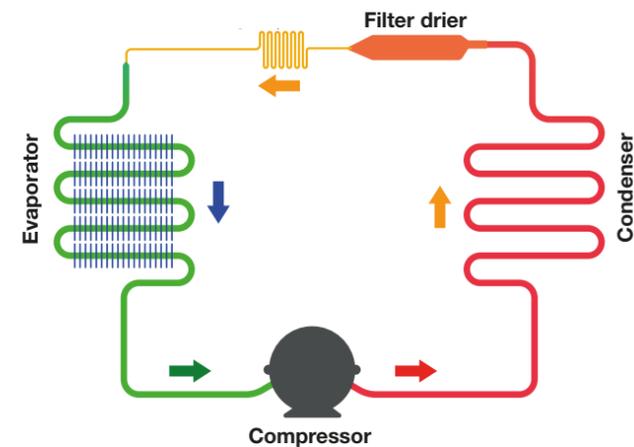
THE CHOICE OF THE OIL/REFRIGERANT combination is crucial for the correct operation of an installation

Proper operation and optimum performance are ensured by choosing fluids and oils that are compatible with the compressor, types of evaporators (direct or flooded expansion system) and the desired operating conditions.

The refrigerating circuit is subject to pressure, temperature and expansion phenomena which require perfect compatibility between oil and refrigerant.

The three principle functions of the lubricant in a refrigerating circuit are: lubrication of the moving parts, leak tightness and fluid control including cooling in the case of screw compressors.

Though the lubricant is essential for the compressor to reduce friction, wear and improve the seal during compression, conversely, oil in the refrigerating circuit must be kept to a minimum to prevent heat transfer loss.



The information provided in this product sheet is given for reference only. It is provided in good faith but should not, under any circumstance, be taken to constitute a guarantee on our part or an assumption of our responsibility. This is particularly the case when third party rights are at stake or in situations where a user of one of our products fails to observe applicable regulations.

Non contractual picture.



More info on: climalife.dehon.com/oils

