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climalife®

Climalife HQ-POE



Product may differ from photo

INTRODUCTION

Climalife HQ-POE oil is a polyolester synthetic oil specially formulated for the lubrication of cooling compressors.

It is available in several different viscosity grades and is intended for refrigeration and air-conditioning applications that use HFCs.

PROPERTIES

HQ-POE oil provides effective protection from wear caused to metals in installations, such as aluminium or stainless steel. Available in a range of viscosities to suit common uses, it improves efficiency and optimises the system's lifespan.

It is chemically and thermally stable at high temperatures, but also has excellent properties at low temperatures. It can be used in a way that meets the needs of air-conditioning and refrigeration applications, while ensuring that the oil returns to the compressor.

SPECIFICATIONS

	HQ-POE 22	HQ-POE 32	HQ-POE 46	HQ-POE 68	HQ-POE 170	HQ-POE 220
ISO grade	22	32	46	68	170	220
Viscosity at 40°C (cSt) - ASTM D445	18.9	32.5	45.3	66.6	170	219
Viscosity at 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 at 20°C (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

These values are given as examples and do not constitute a sales specification

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