



Refrigeration Oil

CLIMALIFE HQ-POE



Non contractual photo

INTRODUCTION

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

Available in several viscosity grades, it is designed for refrigeration and air-conditioning applications using HFCs, HFOs and HFC/HFO blends.

PROPERTIES

HQ-POE oil provides effective protection against wear on metals used in installations, such as aluminium and stainless steel. Available in a range of viscosities suitable for everyday use, it improves efficiency and optimises system service life.

Chemically and thermally stable at high temperatures, it also has excellent properties at low temperatures, enabling it to be used in refrigeration and air-conditioning applications while ensuring oil return 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	46	68	170	220
Viscosity at 100°C (cSt) - ASTM D445	4.2	5.7	7.2	9.5	16.2	19.2
Viscosity index - ASTM D2270	124	119	121	118	100	98
Pour point (°C) - ASTM D97	-60	-48	-42	-39	-24	-24
Flash point (°C) - ASTM D92	254	245	252	264	280	290
Density at 20°C (g/ml) - ASTM D1298	0.994	0.978	0.976	0.978	0.968	0.979
Acid value (mg KOH/g) - ASTM D974	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Water content (ppm by weight) ASTM-E1064	<50	<50	<50	<50	<50	<50

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

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