

Mycom D Oil PAO Synthetic Refrigeration Fluid

PRODUCT DESCRIPTION

Mycom D Oil PAO is a custom-blended polyalphaolefin (PAO) synthetic hydrocarbon, giving improved lubrication at high and low temperatures, reduced volatility, good chemical inertness and hydrolytic stability. This product is compatible with mineral oils and equipment designed for use with mineral oils.

Mycom D Oil PAO (typical properties shown below) was developed with unique additive and basestock technology for improved seal performance and extended elastomer life. This is a long life lubricant, formulated especially for flooded screw compressors.

Mycom D Oil PAO is recommended for refrigeration services due to excellent low temperature properties. Because Mycom D Oil PAO is synthetic, it is wax-free. A low pour point prevents the lubricant from congealing in refrigeration lines. A high film strength provides improved lubricity even when diluted with refrigerants.

This product is available in other viscosities and in a variety of packages.

These values are not intended for use in preparing specifications.

Additional information is available upon request.

TYPICAL PROPERTIES

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Viscosity @ 40°C cSt ASTM D445	59.1
Viscosity @ 100°C cSt	9.05
Viscosity @ 100°F, SUS	305
Viscosity @ 210°F, SUS	56.7
Viscosity Index ASTM D2270	131
Density, lb/gal, 60°F	6.92
Density, g/ml, 15°C, ASTM D1298	0.8310
Pour Point °F (°C) ASTM D97	-65 (-54)
Flash Point, C.O.C., °F (°C) ASTM D92	510 (266)
Fire Point, C.O.C., °F (°C) ASTM D92	540 (282)
Specific Gravity, ASTM D1298	0.831

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Más información en nuestra nueva página web: <http://www.mayekawa.es>

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THERMODYNAMIC PROPERTIES

Temperature (°C)	Density (g/ml)	Specific heat capacity (kcal/kg.K)	Specific heat capacity (kJ/kg.K)	Thermal conductivity (kcal/m.h.°C)	Thermal conductivity (W/m.K)
15	0.864	0.4466	1.8687	0.1160	0.1348
40	0.848	0.4727	1.9778	0.1165	0.1354
70	0.830	0.5047	2.1115	0.1171	0.1361
100	0.811	0.5373	2.2486	0.1178	0.1369

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