

CP-4600 SERIES

PRODUCT DESCRIPTION

CP-4600 Series are custom-blended polyalphaolefin (PAO) synthetic hydrocarbon fluids giving improved lubrication at high and low temperatures, reduced volatility, good chemical inertness and hydrolytic stability, and compatibility with mineral oils and equipment designed for use with mineral oils.

CP-4600 Series (typical properties shown below) are long life lubricants formulated especially for flooded screw compressors. Other viscosities are available for specific applications.

CP-4600 Series are recommended for refrigeration services due to excellent low temperature properties. Because CP-4600 Series are synthetic, they are wax-free. A low pour point prevents lubricants from congealing in refrigeration lines. High film strength provides improved lubricity even when diluted with refrigerants. Also, CP-4600 Series are suitable for bearing, gear, and hydraulic application.

TYPICAL PROPERTIES*	32	46	68	100	150
Viscosity @ 40°C cSt ASTM D445	31.4	46.9	68.5	100.3	147.7
Viscosity @ 100° cSt	6.0	7.9	10.4	13.7	18.2
Viscosity @ 100°F	34.3	51.5	75.7	111.4	164.8
Viscosity @ 210°F	6.1	8.13	10.7	14.1	18.7
Viscosity Index ASTM D2270	140	139	140	138	138
Density, lb/gal, 60°F	6.88	6.91	6.96	6.99	7.04
Pour Point °F (°C) ASTM D97	-87 (-66)	-76 (-60)	-60 (-51)	-55 (-52)	-49 (-45)
Flash Point, C.O.C., °F (°C) ASTM D92	464 (240)	475 (246)	480 (248)	510 (265)	530 (277)
Fire Point, C.O.C., °F (°C) ASTM D92	514(268)	525(273)	530(276)	560(293)	580(304)
Specific Gravity, ASTM D 1298	0.826	0.829	0.835	0.839	0.845

*These Values are not intended for use in preparing specifications.