

**CP-1000-100****PRODUCT DESCRIPTION**

CP-1000-100 product is custom-blended highly refined, chemically inert lubricants. Silicone additions act as a lubricity improver, defoamant, pour point depressant and help protect the metal surfaces against corrosion. Polyalphaolefin (PAO) synthetic hydrocarbon additions act as a stable viscosity improver. Widely used for applications in the chemical processing industries where the lubricant is subjected to harsh chemical environments and certain applications (e.g. flooded rotary screw compressors) where the PAO is needed to improve shear stability and compensate for thinning of the lubricant by the compressed gas.

**APPLICATIONS**

Lubricants/coolant for process and gas rotary screw compressors.

Lubricant and sealing fluid for rotary mechanical shaft seals of chemical processing pumps and agitated kettles.

Crankcase and cylinder lubricant for reciprocating compressors handling chemical gases (i.e. HCl and MeCl gases)

Lubricant for vacuum pumps handling chemical vapors.

<b>TYPICAL PROPERTIES**</b>	<b>CP-1000-100</b>
Viscosity @ 40°C, cSt, ASTM D445	93
Viscosity @ 100°C, cSt	12.3
Viscosity @ 100°F, SUS	479
Viscosity @ 210°F, SUS	12.6
Viscosity Index ASTM D2270	68.7
Density, lb/gal, 60°F	7.13
Pour Point °F (°C) ASTM D97	<-20(-29)
Flash Point, C.O.C °F (°C) ASTM D92	440(227)
Fire Point, C.O.C °F (°C) ASTM D92	485(252)
Specific Gravity, ASTM D1298	0.855

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\*These values are not intended for use in preparing specifications.

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