

## **CP-6000-100**

### **Process Gas Lubricants**

#### **PRODUCT DESCRIPTION**

CP-6000 series products are custom-blended , chemically inert synthetic lubricants.

Silicone additions act as a lubricity improver and help protect the metal surfaces against corrosion. Polyalphaolefin (PAO) synthetic hydrocarbon base fluid has a good viscosity index. Widely used for applications 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. Also used for low temperature operations and applications requiring a broad operating temperature range.

#### **APPLICATIONS**

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

<b>TYPICAL PROPERTIES*</b>	<b>CP-6000-100</b>
Viscosity @ 40°C, cSt, ASTM D445	100.3
Viscosity @ 100°C, cSt	13.7
Viscosity @ 100°F	111.4
Viscosity @ 210°F	14.1
Viscosity Index ASTM D2270	138
Density, lb/gal, 60°F	6.99
Pour Point °F (°C) ASTM D97	-55(-52)
Flash Point, C.O.C., °F (°C) ASTM D92	521(271)
Fire Point, C.O.C., °F (°C) ASTM D92	574(301)
Specific Gravity, ASTM D1298	0.839

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

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