

CP-6000-46

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.

TYPICAL PROPERTIES*	CP-6000-46
Viscosity @ 40°C, cSt, ASTM D445	46.9
Viscosity @ 100°C, cSt	7.9
Viscosity @ 100°F	51.5
Viscosity @ 210°F	8.1
Viscosity Index ASTM D2270	139
Density, lb/gal, 60°F	6.91
Pour Point °F (°C) ASTM D97	-76(-60)
Flash Point, C.O.C., °F (°C) ASTM D92	514(268)
Fire Point, C.O.C., °F (°C) ASTM D92	554(290)
Specific Gravity, ASTM D1298	0.829

*These Values are not intended for use in preparing specifications

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