



Synthetic Blend Mechanical Seal Barrier Fluid

DS-4609-7-F

Product Description

DS-4609-7-F is a synthetic lubricant specifically blended for long life under the severe, demanding conditions normally encountered in mechanical seal systems.

DS-4609-7-F is recommended for use as a barrier or buffer fluid for mechanical seals on rotating equipment in processes requiring good chemical stability and compatibility.

DS-4609-7-F meets 21 CFR 178.3570 requirements for lubricants with the possibility of incidental food contact and is authorized by the USDA for use in Federally inspected meat and poultry plants (H-1). It is nontoxic, non-hazardous and contains no heavy metals.

Typical Applications

Barrier/buffer fluid for double and tandem mechanical seal systems.

Typical Properties*

Viscosity	@ 40°C cSt per ASTM D445	7.5
	@ 100°C cSt	2.2
	@ 100°F SUS	52.1
	@ 210°F SUS	33.8
Viscosity Index, per ASTM D2270		104
Flash Point, C.O.C., °C (°F) per ASTM D92		174 (345)
Fire Point, C.O.C., °C (°F) per ASTM D92		177 (350)
Pour Point, °C (°F) per ASTM D97		-25 (-15)
Density lb./gal. 15°C (60°F)		6.97
Specific Gravity @ 22.2 °C (72°F) per ASTM D1298		0.835

* These values are not intended for use in preparing applications.

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