



Raysun Barrier Fluid

High Quality Seal, Buffer and Barrier Fluid

Raysun Barrier Fluid is a high performance synthetic fluid that developed for the superior lubrication and cooling requirements of double and tandem mechanical seals. Raysun Barrier Fluid has excellent thermal stability over a wide temperature range, low internal friction and heat transfer properties. This fluid provides excellent protection against excessive heat buildup and deposit formation on seal surfaces. It can be mixed with mineral oils, PAOs and ester fluids but should not be mixed with glycol or silicone synthetics.

Advantages

- Exceptional anti wear protection and reduces friction
- Longer oil life in seal circulation systems
- Excellent heat transfer properties
- Resistance to deposit formation
- Advanced additive chemistry helps in extending oil and seals life
- compatible with Viton®, neoprene, Buna N (except high ACN), Teflon®, silicone, polyurethane ester, epichlorahydrin, polysulfide, ethylene / acrylic, polycrylate, fluoroelastomer, propylene oxide, chlorosulfonated polyethylene, chlorinated polyethylene, Kalrez®, Nordel®, fluoroelastomer, nitrile and others
- It is not for use with EPDM or EPR elastomers. Viton®, Teflon®, Kalrez® and Nordel® are registered trademarks of E.I. DuPont

Applications

- Cooling and lubrication requirements of double and tandem mechanical seals in Pressurized & unpressurized systems



Raysun Barrier Fluid

ISO Viscosity Grade					Method	Specification
68	46	32	18	6		
0.835	0.833	0.827	0.820	0.798	ASTM D 1298	Density @ 15°C, kg/l
66	48	31	19	5	ASTM D 445	Viscosity @ 40°C, cSt
10	8	5.8	4.1	1.7	ASTM D 445	Viscosity @ 100°C, cSt
266	260	246	220	160	ASTM D 92	Flash Point, °C
-48	-48	-57	-66	-66	ASTM D 97	Pour Point, °C

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."