



ISO-9001 Registered Quality System.  
ISO-21469 Compliant.

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## PRODUCT DATA

# LUBRIPLATE BARRIER FLUIDS

## BARRIER FLUID 7 & BARRIER FLUID 22

"OU Kosher Pareve" – Pending Certification  
"Halal" – Pending Certification

\*NSF International H-1 – Registration Pending  
NSF ISO21469 – Certification Pending

### DESCRIPTION

LUBRIPLATE BARRIER FLUIDS are ultra-clean, 100% polyalphaolefin (PAO) synthetic based fluids recommended for all types of mechanical seals. While NSF H1 registered food grade, they may be used for all applications requiring barrier fluid for mechanical seals.

### BARRIER FLUID 7

Recommended to lubricate plastic modular wear strips and sprockets; as a barrier fluid; and for applications where extreme low temperature fluid is required. Ultra clean fluid, typical ISO Cleanliness 15/13/10.

### BARRIER FLUID 22

- ⇒ Recommended for tight tolerances
- ⇒ Outstanding heat transfer properties
- ⇒ Recommended for dual mechanical seals
- ⇒ Able to flow in very cold ambient temperature applications
- ⇒ Ultra-clean Fluid. Typical ISO Cleanliness:15/13/9

### STORAGE RECOMMENDATIONS

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.



### Typical Test Data

PROPERTY	TEST METHOD	BARRIER FLUID 7	BARRIER FLUID 22
Viscosity SUS @ 100°F	ASTM D-2161	51	106
Viscosity SUS @ 210°F	ASTM D-2161	34	41
Viscosity cSt @ 40°C	ASTM D-445	7	20
Viscosity cSt @ 100°C	ASTM D-445	2	4
Viscosity Index	ASTM D-2270	104	128
Pour Point	ASTM D-97	-67°F/-55°C	-63°F/-53°C
Flash Point	ASTM D-92	305°F/152°C	405°F/207°C
Fire Point	ASTM D-92	400°F/204°C	430°F/221°C
API Gravity	ASTM D-287	41.8	41.1
Color	ASTM D-1500	1.0 max	1.0 max
4-Ball Wear Test	ASTM D-2266	0.40 mm	0.40 mm
SAE Grade		5W	5W
ISO Viscosity Grade	ASTM D-2422	7	22

### PACKAGING AVAILABLE

55 Gallon Drum  
5 Gallon Pail  
Carton 4/1 Gallon Plastic Jugs

\*NSF International H-1 Registration No.  
(Meets former USDA 1998 Guidelines)

\*Registered H-1 by NSF International for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product. - Pending

BARRIER FLUID 7	BARRIER FLUID 22
L0718-062	L0719-062
***	L0719-060
***	L0719-057
<u>Pending</u>	<u>Pending</u>