

ULTRACHEM RF9 & RF9ST BLENDED REFRIGERATION LUBRICANTS

Applications:

Premium semi-synthetic hydrotreated oil designed for ammonia applications. Ultrachem RF9 oil provides high thermal stability for improved resistance to oil break down and extended service intervals. Ultrachem RF9 oil is less volatile and less soluble in ammonia resulting in decreased oil foaming for better compressor lubrication and lower oil carryover from the oil separator. This oil's higher viscosity results in less bearing wear than pure mineral based naphthenic oils. Recommended evaporator temperatures are -50°F and above. Ultrachem RF9 is registered as an H2 lubricant where there is no possibility of food contact in and around food processing areas. This oil is consistent with Frick specifications.

Similar to Ultrachem RF9, but with additional seal treating properties, Ultrachem RF9ST is specially blended to condition O-rings in ammonia systems changing from naphthenic oils to higher quality paraffinic oils. Ultrachem RF9ST helps extend the life of elastomers and reduce leaks.

Typical Industrial Applications:

- Ammonia Refrigeration Systems
- R-717
- Cold Storage Facilities
- Ice Making Machines

TYPICAL PROPERTIES	TEST METHOD	Ultrachem RF9	Ultrachem RF9ST
Viscosity @ 40°C,cSt	ASTM D445	73	73
Viscosity @ 100°C,cSt	ASTM D445	8.6	8.6
Viscosity, SUS @ 100°F		339	339
Flash Point, °C/°F	ASTM D92	221/430	221/430
Pour Point, °C/°F	ASTM D97	-37/-27	-37/-27
Service Temperature. °F		350	350
Specific Gravity	ASTM D1298	0.91	0.91
Recommended Applications			
Refrigerant		R-717	R-717
Suction Temperature °F		-50°+	-50°+

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



12/2012
900 Centerpoint Blvd.
New Castle, DE 19720
P.....302-325-9880
F.....302-325-0335
info@ultracheminc.com