



Adding value to your formulations

TECHNICAL DATA SHEET

**SYNTHETIC REFRIGERATION FLUIDS**

*SOLTEX SYNTHETIC REFRIGERATION FLUIDS ARE ALKYLATE BASED REFRIGERATIONS OILS. THESE PRODUCTS ARE FRIENDLY TOWARD MATERIALS OF CONSTRUCTION, AS WELL AS EXHIBITING PROPERTIES SUCH AS LOWFLOC POINTS, AND SUPERIOR STABILITY.*

SPECIFICATION PROPERTIES	ASTM	RF 100	RF 150	RF 150A	RF 200	RF 200A	RF 300	RF 400	RF 500
<b>Kinematic Viscosity ( cSt ) , 40 °C</b>									
<b>Min</b>		15	29	29	42	39	50	81	85
<b>Max</b>	D-445	21	35	35	50	48	70	92	105
<b>Color, Max</b>	D-1500	1.5	1.5	1.5	1.5	1.0	1.5	1.5	1.5
<b>Floc Point (COC), °C Max</b>	ASH-86	- 65	- 65	- 65	- 60	- 60	- 55	- 55	- 55
<b>Flash Point (COC), °C Min</b>	D-92	130	175	175	185	185	185	170	170
<b>TYPICAL PROPERTIES</b>									
<b>Kinematic Viscosity ( cSt ) , 40 °C</b>	D-445	16	32	32	43	46	60	87	92
<b>Kinematic Viscosity ( cSt ) , 100 °C</b>	D-445	3.267				5.879			
<b>Specific Gravity 15.6°/15.6°C</b>	D-1298	0.837	0.860	0.860	0.865	0.870	0.875	0.880	0.880
<b>Acid Number, mg KOH/g Max</b>	D-974	.01	.02	.02	.02	.02	.02	.02	.02
<b>Water, ppm</b>	D-1533	30	30	30	30	30	30	30	30
<b>Pour Point ( °C ) Max</b>	D-97	- 40	- 40	- 45	- 35	- 35	- 30	- 30	- 30
<b>Dielectric, KV Min</b>	D-877	40	40	40	40	40	40	40	40

No warranties, express or implied, including warranties of merchantability or fitness for a particular use are made with respect to the products described herein. Nothing contained herein shall constitute permission or a recommendation or inducement to practice any invention covered by a patent without the permission of the patent owner. Customers/users are advised to test the product in advance to make certain it is suitable for their particular production conditions and use or uses of the product. Seller shall not be liable for and the customer assumes all risk and liability for any use or handling of the product. **Date: 06/30/2010**

SOLTEX, INC. 3707 FM 1960 West, Suite 560, Houston, TX 77068 | Phone: 281.587.0900 | Fax: 281.587.1998 www.soltexinc.com

- ACETYLENE BLACK ● ALKYLATES ● BASE OILS (GROUP II AND GROUP III) ● CABLE FLOOD, FILL AND GELS ● DIELECTRIC FLUIDS ● PERFORMANCE ADDITIVES
- POLYALPHAOLEFINS ● POLYBUTENES (STANDARD GRADES) ● REFRIGERATION FLUIDS ● SPECIALTY POLYISOBUTYLENE ● SULFONATES