



Adding value to  
your formulations

TECHNICAL DATA SHEET

**SYNTHETIC ALKYLATE FLUIDS**

*SOLTEX SYNTHETIC ALKYLATE FLUIDS ARE CHEMICAL INTERMEDIATES IN THE MANUFACTURING OF SURFACTANTS, AND ARE ALSO USED IN FUNCTIONAL FLUIDS, AS WELL AS FINISHED PRODUCT APPLICATIONS*

TYPICAL PROPERTIES	ASTM	ALKYLATE 6	ALKYLATE 14	ISO 32	ISO 46	ISO 68	ISO 100
Color, <b>Max</b>	D-1500	1	1	1.5	1.5	1.5	1.5
Pour Point , °C <b>Max</b>	D-97	- 40	- 40	- 40	- 35	- 30	- 30
Kinematic Viscosity (cSt) , 40 °C	D-445	5 - 7	13 - 24	29 - 35	42 - 50	50 - 70	85 - 105
Flash Point (COC), °C <b>Min</b>	D-92	127	206	175	185	185	170
Floc Point , °C <b>Max</b>	ASH - 86	- 65	- 65	- 65	- 60	- 55	- 55
Specific Gravity <b>Min</b>	D-1298	0.87	0.87	0.86	0.86	0.86	0.86
Acid Number, mg KOH/g <b>Max</b>	D-974	0.02	0.02	0.02	0.02	0.02	0.02
Water, ppm <b>Max</b>	D-1533	100	100	30	30	30	30
Average Molecular Weight	D-3593	246	355 - 365				
Water, ppm <b>Max</b>	D-1533	100	100	30	30	30	30
Boiling Point Range, °C			315 - 390				
Bromine Number <b>Max</b>	D-2710	0.03					

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