Alkylate Fluids

Description

Branched and linear alkylbenzene (BAB) is produced by reacting benzene with various propylene oligomers to produce different molecular weights. Linear alkylbenzene (LAB) is produced by reacting benzene with linear alpha olefins producing a range of different molecular weight products. Alkylates provide superior low temperature properties, excellent oxidative and thermal stability, compatible with elastomers, seal swell and improved solubility.

End uses: raw materials for surfactants and synthetic sulfonates, base oil for specialty lubricants and functional fluids. Used in agriculture and electronic components and equipment.

Properties

SPECIFICATION	ASTM	A 6	A 14	A 32	A 46	A 68	A 100
Color, Max	D1500	1.0	2.0	2.0	2.0	2.0	2.0
Kinematic Viscosity (cSt) @ 40 °C	D445	4.0 - 7.0	18 - 28	29 - 35	42 - 50	50 - 70	85 - 105
Flash Point (COC), °C, min	D92	125	165	170	170	170	170
Water, ppm, max	D1533	100	100	100	100	100	100
TYPICAL PROPERTIES							
Specific Gravity	D1298	0.86	0.86	0.86	0.865	0.875	0.88
Pour Point , °C, max	D97	-40	-40	-40	-35	-30	-30
Floc Point , °C, max	ASH-86	-65	-65	-65	-60	-55	-55
Acid Number, mg KOH/g, max	D974	0.02	0.02	0.02	0.02	0.02	0.02
Average Molecular Weight	D3593	239	324	324	324	350	500

Packaging

Product available in bulk tank trucks, iso-containers, totes & drums

Date: 11/30/17