



BVA ALKYL SERIES

PRODUCT DESCRIPTION



At one time alkylbenzene lubricants were considered speciality lubricants and were used only in low temperature applications where oil return with mineral was questionable. **BVA ALKYL Series** are truly wax-free lubricant. It is an alkylated benzene based lubricant and does not contain paraffin chains which is one of the main components of mineral oil effecting your floc properties.

BVA ALKYL Series has excellent miscibility with R-22. One of the main components of interim refrigerants is R-22. This makes the BVA ALKYL Series miscible with some of the new interim refrigerants, such as, MP-39, MP-52, MP-66, HP-80 and HP-81. It also makes retrofitting easier and more cost effective.

BVA ALKYL Series also offers excellent thermal stability and chemical stability. Due do its compatibility with mineral oil it can be used in its place or added to mineral oil.

Typical Specifications

	ALKYL 150	ALKYL 200ca	ALKYL 300
Viscosity			
@ 40°C cSt	30	38.4	57
@ 100°C cSt	4.2	5.0	5.7
@100°F SUS	150	200	300
@212°F SUS	39.8	42.7	44.6
Color	1.0	1.0	1.0
Pour Point °F (°C)	-49 (-45)	-49 (-45)	-40 (-40)
Flash Point °F©	347(175)	365 (185)	365 (185)
Floc Point °F©	<-99 (73)	<-99 (73)	<-99 (73)
Density @15°C	0.87	0.87	0.87
Di Electric Strength KV	40	40	40
Acid No , mg KOH Max	.01	.01	.01

BVA ALKYL Series Application Guide

Current Refrigerant	R-502	R-11	R-12, R-114	R-12	R-12, R-500	R-502	R-502
Replacement Refrigerant	R-22	R-123	R-124	MP-39	MP-66	HP-80	HP-81
Recommended Lubricant	ALKYL 150 ALKYL 300	ALKYL 150 ALKYL 300	ALKYL 150 ALKYL 300	ALKYL 150 ALKYL 200ca ALKYL 300	ALKYL 150 ALKYL 200ca ALKYL 300	ALKYL 150 ALKYL 200ca ALKYL 300	ALKYL 150 ALKYL 200ca ALKYL 300

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