

## LUBSOL™ 44 LF

### Solvent

This is an excellent process solvent, particularly in the production of polymer emulsions and in mining solvent extraction processes. It's higher flash point and narrow boiling range allows this solvent to perform well in metal lubricants and in specialty coating applications.

PROPERTY	METHOD	SPECIFICATION
Distillation Range °F IBP	ASTM D -86	418
10%		428
50%		426
90%		434
95%		438
EP		446
Flash Point Tag Closed Cup, °F	ASTM D -56	172
Freeze Point °F	ASTM D -93	<-94
Pour Point °F	ASTM D -2386	<-94
Specific Gravity 60°/60°F	ASTM D -97	0.810
Density lbs/gal @ 60°F	ASTM D -287	6.76
Average Molecular Weight	ASTM D -287	172
Average Composition % Paraffinic	GC	60
% Naphthenic	GC	40
% Aromatic	UV	0.3
Color, Saybolt Universal	ASTM D -156	+30
Relative Evaporation Rate (n-Butyl Acetate=1)	ASTM D -3539	0.02
Vapor pressure@20°C	API	0.05
Viscosity @ 20°C	ASTM D -445	2.4 cSt
@ 40°C		1.7 cSt
Aniline Point, °F	ASTM D -611	164
Kauri Butanol Value	ASTM D -1133	31
Solubility Parameters	Calculated	15.9
Brommie Number		<0.2
Carbonyl, as C=O ppm		<10
Nitrogen, ppm		<1
Sulfur, ppm		<1
Water, ppm	Karl Fischer	<50