

LUBSOL[™] 47

Solvent

This is a special blend of hydro-carbon solvents designed to meet the needs of printing ink formulations. LubSol[™] 47 performs particularly well as an ink oil heat set printing formulations.

PROPERTY	METHOD	SPECIFICATION
Distillation Range °F IBP	ASTM D -86	466
10%		476
50%		480
90%		494
95%		512
EP		522
Flash Point Pensky Martes °F	ASTM D -56	228
Freeze Point °F	ASTM D -93	0
Pour Point °F	ASTM D -2386	-3
Specific Gravity 60°/60°F	ASTM D -97	.811
Density lbs/gal @ 60°F	ASTM D -287	6.78
Average Molecular Weight	ASTM D -287	196
Average Composition % Paraffinic	GC	70
% Naphthenic	GC	30
% Aromatic	UV	0.8
Color, Saybolt Universal	ASTM D -156	+30
Relative Evaporation Rate (n-Butyl Acetate=1)	ASTM D -3539	0.003
Vapor pressure @ 20°C	API	<0.1
Viscosity @ 20°C	ASTM D -445	3.8 cSt
@ 40°C		2.5 cSt
Aniline Point, °F	ASTM D -611	177
Kauri Butanol Value	ASTM D -1133	27
Solubility Parameters	Calculated	15.7
Brommie Number		<0.2
Carbonyl, as C=O ppm		<10
Nitrogen, ppm		<1
Sulfur, ppm		<1
Water, ppm	Karl Fischer	<50