

Lumax Pumps Chemical Compatibility Chart

Ratings: Chemical Effect	Lumax Pump Model												Not Recommended			
	Good															
Chemical	LX-1332	LX-1334	LX-1336	LX-1337	LX-1338	LX-1339	LX-1341	LX-1342	LX-1344	LX-1345	LX-1348	LX-1352	LX-1360	LX-1361	LX-1362	LX-1363
Sodium Chloride	Good	Not	Not	Good	Not	Not	Not	Not	Not	Not	Not	Good	Not	Not	Not	Not
Sodium Chromate	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Good	Not	Not	Not	Not
Sodium Hydroxide - 50%	Good	Not	Not	Not	Not	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Sodium Hypochlorite (Bleach)	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Sodium Nitrate	Good	Good	Not	Good	Not	Good	Not	Not	Not	Not	Not	Good	Not	Not	Not	Not
Sodium Nitrite	Good	Not	Not	Good	Not	Not	Good	Good	Not	Good	Not	Not	Not	Not	Not	Not
Sodium Peroxide	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Sodium Phosphate	Good	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Sodium Silicates	Good	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Sodium Sulfate	Good	Not	Good	Not	Not	Not	Good	Good	Not	Good	Good	Not	Not	Not	Not	Not
Sodium Sulfide	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Sodium Sulfite	Good	Not	Not	Not	Not	Not	Good	Good	Not	Not	Not	Not	Not	Not	Not	Not
Stearic Acid	Good	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Good	Not	Not	Not	Not
Stoddard Solvent	Good	Not	Not	Not	Not	Not	Not	Good	Good	Not	Not	Not	Not	Not	Not	Not
Sulfuric Acid - 75%	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Tallow	Good	Not	Good	Not	Not	Not	Good	Good	Not	Good	Not	Not	Not	Not	Not	Not
Toluene, Toluol	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Transformer Oil	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Transmission Fluid (Type A)	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Trichlorethane	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Trichlorethylene	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Turpentine	Not	Good	Not	Not	Not	Not	Not	Good	Good	Not	Not	Not	Not	Not	Not	Not
Urea/DEF/Ad Blue	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Good	Not
Varnish	Good	Good	Not	Not	Not	Not	Not	Good	Not	Not	Not	Not	Not	Not	Not	Not
Vegetable Juices	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Vegetable Oils	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Vinegar	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Water, Distilled (Deionized)	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Water, Fresh	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Wines	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Xylene	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Zinc Chloride	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Zinc Sulfate	Good	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not

Approximate Viscosities of Common Materials (at Room Temp. 70°F/ 20°C)

Material	Viscosity in Centipoise (cPs)	Viscosity in Saybolt Universal (SSU)
Water	1 cPs	31 SSU
Milk	3 cPs	36 SSU
SAE 10 Motor Oil	85-140 cPs	455-690 SSU
SAE 20 Motor Oil	140-420 cPs	690-2,050 SSU
SAE 30 Motor Oil	420-650 cPs	2,050-3,140 SSU
SAE 40 Motor Oil	650-900 cPs	3,140-4,300 SSU

Material	Viscosity in Centipoise (cPs)	Viscosity in Saybolt Universal (SSU)
Castrol Oil	1,000 cPs	4,600 SSU
Karo Syrup	5,000 cPs	23500 SSU
Honey	10,000 cPs	46500 SSU
Chocolate	25,000 cPs	115000 SSU
Ketchup	50,000 cPs	231000 SSU
Mustard	70,000 cPs	323500 SSU
Sour Cream	100,000 cPs	462000 SSU