LOWARA
a xylem brand

COMPATIBILITY CHART FOR MATERIALS IN CONTACT WITH MOST COMMONLY USED LIQUIDS

LIQUID	CONCENTRATION (%)	TEMPERAT. MIN/MAX (°C)	VERSION			ELASTOM.
			PLASTIC	AISI 304	AISI 316	
Acetone	10	-10 +90		•	•	E
Ammonia	10	-10 +40	•	•	•	E
Benzene	10	-10 +50		•	•	V
Citric acid	10	-10 +70	•	•	•	E
Cutting oil	100	-5 +110		•	•	V
Deionized, demineralized water	100	10 +110	•	•	•	V
Denatured alcohol	100	-5 +70	•	•	•	E
Diathermic oil	100	-5 +110		•	•	V
Diesel	100	-10 +80	•	•	•	V
Ethyl alcohol	100	-30 +50	•	•	•	E
Ethylene glycol	50	-30 +120		•	•	E
Glycerine	100	20 +90	•	•	•	E
Hydraulic oil	100	-5 +110		•	•	V
Hydrochloric acid	2	-10 +25	•		•	V
Methyl alcohol	100	-30 +50	•	•	•	E
Mineral oil	100	-5 +110		•	•	V
Mixture of water, detergents	20	10 +100	•	•	•	E
Phosphates-polyphosphates	10	-5 +90	•	•	•	V
Propyl alcohol (Propanol)	100	-5 +80		•	•	E
Propylene Glycol	50	-30 +120		•	•	E
Sea water (max 1000 ppm Chlorides)	100	-10 +30			•	V
Sodium bicarbonate	saturated		•	•	•	E
Sodium hydroxide	20	10 +70	•	•	•	E
Sodium hypochlorite	1	-10 +25	•		•	V
Sulfuric acid	2	-10 +25	•	•	•	V
Toluene	10	-10 +50		•	•	V
Uric acid	80	-10 +80		•	•	E
Vegetable oil	100	10 +110		•	•	V
Water and oil emulsion	all	-5 +90		•	•	V
Waterfall	100	10 +120	•	•	•	E

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The above table indicates the compatibility of materials depending on the pumped liquid.
Check the specific weight of the liquid or the viscosity as this could affect the power input of the motor and hydraulic performance. For further details, please contact the sales network.