CHEMICAL RESISTANCE LIST

2019 / SIKA DEUTSCHLAND GMBH

DECISION SUPPORT FOR THE PROPER SELECTION OF INTERNAL LININGS FOR TANKS, CONTAINERS AND PIPES.

BUILDING TRUST

INFORMATION

Reliable and economic corrosion protection against chemical attack already starts with the planning and selection of the right protective system for the exposed surfaces. Sika Deutschland GmbH provide support for decision making.

This resistance list provides information about the resistance of selected protective paint systems to a large number of media based on long-term testing. It serves at the same time as proof of the experience and capability of Sika - your expert partner for corrosion protection caused by media stresses.

TESTING PROCEDURE

The following results were obtained by placing coated test plates in the respective chemical (DIN EN ISO 2812-1).

The test plates are made of sheet steel, 80 x 40 x 4 mm by size and blast-cleaned to surface degree Sa 2½ in accordance with ISO 8501-1 before application of the protective paint systems.

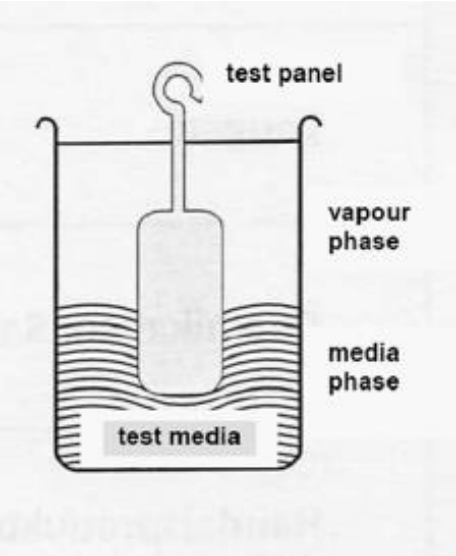
The coated test plates are stored for at least 7 days at +20 °C before testing.

Testing usually takes place over a period of 60 months.

Intermediate inspections take place at defined, regular intervals.

The effect of the test media on the respective protective paint system in vapour and liquid phase is assessed directly after stressing.

Any percentage figures given for the test media refer – unless stated otherwise - to aqueous solutions.



RESULTS

++	permanently resistant (i.e. tested for at least 60 months = 5 years)
12+	positively endured test period in months (here the example for 12 months)
12-	positively endured test period in months (here the example of 12 months) - no longer resistant after that, however
0	not resistant

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PROTECTIVE COATING SYSTEMS

The test results documented hereafter were achieved with the following protective paint systems:

Sika® Permacor®-3326 EG-H 2-3 x Sika Permacor-3326 EG-H Dry film thickness at least 500 µm	**Sika® Permacor®-2807 HS** 1 x Sika Permacor-2807 HS Dry film thickness at least 500 µm
Sika® Permacor®-2807 HS A 1 x Sika Permacor-2807 HS A Dry film thickness at least 500 µm	**SikaCor® Permacor®-138 A** 1 x Sika Permacor-138 A Dry film thickness at least 500 µm
SikaCor®-299 Airless 2 x SikaCor-299 Airless Dry film thickness at least 500 µm	**SikaCor®-146 DW** 1 x SikaCor-146 DW Dry film thickness at least 500 µm

Higher dry film thicknesses may be required if steel surfaces are badly corroded and pitted.

CONTENTS / MEDIA GROUPS TESTED

	PAGE
Acids:	**4**
Alkalis:	**5**
Chemicals/salts:	**6**
Organic media: (e.g. solvents, softeners, oils, greases, mineral oil products)	**8**
Food:	**17**

IMPORTANT NOTICE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. The most recent product data sheet applies. This can be requested from us or is available to download at www.sika.de. Please check availability of local product data sheet at your local website. In cases of doubt the German text is valid.

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	1. Acids	Conc.	Temp.	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
1.16	2-Ethylhexanoic acid		+20 °C		++				
1.8	acetic acid	0,10 %	+20 °C			++			
1.9	acetic acid	0,50 %	+20 °C		36–				
1.10	acetic acid	1 %	+20 °C		3–	++		12+	
1.11	acetic acid	2 %	+20 °C	12-	1–	48+		12+	3-
1.12	acetic acid	2 %	+40 °C	6-		6-		12-	1-
1.13	acetic acid	5 %	+20 °C			6-		12-	
1.14	acetic acid	10 %	+20 °C	3-	0	0	0	0	0
1.15	acetic acid	96 %	+20 °C			0			
1.54	citric acid	5,00 %	+20 °C						1-
1.22	coconut fatty acid, destilled (Prifac 7901)		+40 °C	1-	48-	36-			
1.23	coconut fatty acid, destilled (Prifac 7901)		+70 °C	0	0	1-			
1.24	coconut fatty acid, destilled , gehärtet (Prifac 5901)		+40 °C	1-	++	++			++
1.25	coconut fatty acid, destilled , gehärtet (Prifac 5901)		+70 °C	0	0	1-			0
1.17	fatty acid mixture (1 %) in soy bean oil		+40 °C	24-	++	++			
1.18	fatty acid mixture (1 %) in soy bean oil		+70 °C	3-	12-	12-			
1.19	fatty acid, chain length C8 (Prifac 2901)	98 %	+40 °C	0	0	3-			
1.20	fatty acid, chain length C8 (Prifac 2901)	98 %	+70 °C	0	0	0			0
1.21	fatty acid, unsaturated, chain length C12–C18		+20 °C	0	++	++			
1.5	formic acid, pH 2	0,50 %	+40 °C	3–	0	12-			
1.4	formic acid, pH 3-4	0,10 %	+40 °C	12-	36-	++		++	
1.2	formic acid, pH 4	0,05 %	+20 °C	++	++	++			
1.3	formic acid, pH 4	0,05 %	+40 °C	12-	36-	++			
1.6	formic acid, pH=1-2	1 %	+20 °C			6-		12+	
1.7	formic acid, pH=1-2	1 %	+40 °C	1–	0	3–			
1.38	hydrochloric acid	1 %	+20 °C	++		++		++	
1.39	hydrochloric acid	10 %	+20 °C		6–	36–		12-	1-
1.40	hydrochloric acid	20 %	+40 °C	0	0	0	0	0	0
1.41	hydrochloric acid	33 %	+20 °C	0	0	1–			
1.42	hydrochloric acid 5%, alternating sodium hydroxide 5%		+20 °C	48-		24-			
1.26	lactic acid, pure	90 %	+20 °C	0		0		0	
1.27	monochloracetic acid	80 %	+20 °C	0	0	0	0	0	0
1.35	nitric acid	0,50 %	+20 °C		++	++			
1.36	nitric acid	1 %	+20 °C		++	++		++	
1.37	nitric acid	5 %	+20 °C		0	36–		12-	
1.28	oleic acid (Priolene 6907)		+40 °C	3-	++	++			
1.29	oleic acid (Priolene 6907)		+70 °C	1-	3-	3-			
1.30	palm kernel fatty acid, destilled (Prifac 7908)		+40 °C	3-	++	++			
1.31	palm kernel fatty acid, destilled (Prifac 7908)		+70 °C	1-	1-	1-			
1.32	phosphoric acid	5 %	+20 °C			++		12+	
1.33	phosphoric acid	10 %	+20 °C			12+			
1.34	phosphoric acid	52 %	+20 °C		0	1–		0	
1.43	sulfuric acid	1 %	+20 °C	++	12–				
1.44	sulfuric acid	2 %	+20 °C			48-			
1.45	sulfuric acid	3 %	+20 °C		3–	48-			
1.46	sulfuric acid	5 %	+20 °C	24+	0	48-			
1.47	sulfuric acid	10 %	+20 °C	12+	0	36–	3-	12+	1-
1.48	sulfuric acid	20 %	+20 °C	0	0	0		0	0
1.51	sulfurous acid	0,25 %	+20 °C	12+	12+				
1.53	sulfurous acid	0,50 %	+20 °C	12+	12+			12+	12+
1.52	sulfurous acid, pH 2	0,40 %	+20 °C	12+	12+				
1.50	sulfurous acid, pH 2,5	0,20 %	+20 °C	12+	12+				
1.49	sulfurous acid, pH 3	0,10 %	+20 °C	12+	12+				

	2. Alcalis	Conc.	Temp.	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
2.2	aluminium hydroxide sludge (densitity 1.4)		+50 °C			++			
2.3	ammonia	1 %	+20 °C	24-	24-	36-		24-	12-
2.4	ammonia	1 %	+50 °C	1-		1-			
2.5	ammonia	2 %	+20 °C	24–	12-	36-		24-	12-
2.6	ammonia	2 %	+50 °C	1-		1-			
2.7	ammonia	5 %	+20 °C	24-	0	24–			
2.8	ammonia	5 %	+50 °C	1-		1-			
2.9	ammonia	10 %	+20 °C	12-	0	24-		24-	0
2.10	ammonia	10 %	+50 °C	1-		0			
2.11	calcium hydroxide	3 %	+20 °C	++	++	++	++	++	++
2.12	potassium hydroxide	2 %	+20 °C	++	++	++			
2.13	potassium hydroxide	10 %	+20 °C	++		++		12+	++
2.14	potassium hydroxide	10 %	+50 °C			++			
2.15	potassium hydroxide	10 %	+60 °C			++			
2.16	potassium hydroxide	10 %	+70 °C	1–	1–	24-			
2.17	potassium hydroxide	30 %	+20 °C	1–	++	++		12+	12+
2.18	potassium hydroxide	50 %	+20 °C		++	++			
2.19	potassium hydroxide	50 %	+50 °C			++		6-	
2.20	potassium hydroxide	50 %	+60 °C			++			
2.21	potassium hydroxide	50 %	+70 °C	1–	12–	12–			
2.22	sodium hydroxide	1 %	+20 °C	++		++	36+	++	++
2.23	sodium hydroxide	1 %	+40 °C	++		++	++	++	++
2.24	sodium hydroxide	1 %	+60 °C	6-		12-		12-	12-
2.25	sodium hydroxide	2 %	+20 °C	++	++	++	++	++	++
2.26	sodium hydroxide	2 %	+80 °C	1-	1–	24–	12-		
2.27	sodium hydroxide	3 %	+20 °C		++	++			
2.28	sodium hydroxide	5 %	+20 °C	++		++			
2.29	sodium hydroxide	10 %	+20 °C	++	++	++	++	++	++
2.30	sodium hydroxide	10 %	+40 °C	36-	12-				
2.31	sodium hydroxide	10 %	+50 °C			++	++	++	
2.32	sodium hydroxide	10 %	+60 °C			++			
2.33	sodium hydroxide	10 %	+70 °C	6–	24-	24-			
2.34	sodium hydroxide	10 %	+80 °C		3–				
2.35	sodium hydroxide	20 %	+20 °C	0		++	++	++	++
2.36	sodium hydroxide	20 %	+40 °C	0		++	++	++	12-
2.37	sodium hydroxide	20 %	+50 °C			++			
2.38	sodium hydroxide	20 %	+60 °C	0		48+		12-	1-
2.39	sodium hydroxide	30 %	+20 °C	6-	++	++			
2.40	sodium hydroxide	30 %	+70 °C	3-		12+			
2.41	sodium hydroxide	30 %	+80 °C		12–				
2.42	sodium hydroxide	45 %	+20 °C		++			++	
2.43	sodium hydroxide	45 %	+70 °C		12–				
2.44	sodium hydroxide	50 %	+20 °C	36-	++	++		++	
2.45	sodium hydroxide	50 %	+50 °C	12-		++			
2.46	sodium hydroxide	50 %	+60 °C			24+			
2.47	sodium hydroxide	50 %	+70 °C	6–	24-	24-			
2.48	sodium hydroxide	50 %	+80 °C		12–				

	3. Chemicals / Salts	Conc.	Temp.	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
3.31	aluminium hydroxide sludge		+50 °C			++			
3.33	ammonium carbonate	40 %	+50 °C	++	0	++			
3.34	ammonium chloride	5 %	+20 °C		++				
3.35	ammonium chloride	15 %	+20 °C	++		++		++	
3.36	ammonium chloride	15 %	+40 °C	++		++		++	
3.32	ammonium hydrogensulfite (leach)		+20 °C	48-	12-	++			
3.37	ammonium nitrate	28 %	+20 °C	++		++		++	
3.38	ammonium nitrate pH=10		+20 °C	++		++			
3.39	amonium sulfate	5 %	+20 °C	++					
3.40	amonium sulfate	10 %	+20 °C	24-		++		++	++
3.41	amonium sulfate	10 %	+40 °C	24-		++		++	++
3.42	amonium sulfide	2 %	+50 °C		24–	24–			
3.43	borax	5 %	+20 °C		++	++			
3.44	calcium bromide	52 %	+20 °C	++	++	++		++	
3.45	calcium chloride	20 %	+40 °C	++		++		++	
3.46	chlorinated lime	10 %	+20 °C	++		++		++	
3.65	copper sulfate	5 %	+20 °C	++	++	++			
3.66	deposit water, deposition Wintershall		+50 °C	++		++			
3.67	deposit water, deposition Wintershall		+70 °C	++		++			
3.68	deposit water, deposition Wintershall		+80 °C	++		++			
3.69	deposit water, e.g. BEB, DEA, Preussag		+50 °C			++			
3.70	deposit water, e.g. BEB, DEA, Preussag,		+70 °C			++			
3.49	ferric chloride	5 %	+20 °C		++				
3.50	ferric chloride	10 %	+20 °C	++		++			
3.53	ferric sulfate	5 %	+20 °C		++				
3.54	ferric sulfate (Quickfloc)	saturated	+20 °C	++		++			
3.55	ferric sulfate (Quickfloc)	saturated	+50 °C	3+		3+			
3.47	ferrous chloride (Ferrofloc)	saturated	+20 °C	++	++	++			
3.48	ferrous chloride (Ferrofloc)	saturated	+50 °C	3+	3+	3+			
3.51	ferrous chloride / sulfate (Ferrifloc)	saturated	+20 °C	++	++	++			
3.52	ferrous chloride / sulfate (Ferrifloc)	saturated	+50 °C	3+	3+	3+			
3.61	kaolin, suspension pH 6		+20 °C	++	++	++			
3.92	kraft liquor, pH 1,8		+50 °C	24–		36–			
3.93	kraft liquor, pH 1,8		+80 °C	3–		6–			
3.94	kraft liquor, pH 8,5		+50 °C	++		++			
3.95	kraft liquor, pH 8,5		+80 °C	24–		++			
3.73	magnesium chloride	5 %	+20 °C		++	++			
3.74	magnesium chloride	15 %	+40 °C	++		++		++	++
3.89	poly aluminium chloride solution pH 2,6		+20 °C	++		++			
3.56	potassium carbonate (potash)	5 %	+20 °C	++	++	++	++	++	++
3.57	potassium dichromate	5 %	+20 °C		++	++			
3.58	potassium nitrate	5 %	+20 °C		++	++			
3.59	potassium permanganate	5 %	+20 °C		0				
3.60	potassium sulfate	5 %	+20 °C	++	++	++	++	++	++
3.90	seawater, artificial		+20 °C	++	++	++	++	++	++
3.3	sewage water BIOHOCH pH=11		+20 °C	++		++			
3.4	sewage water BIOHOCH pH=11		+40 °C	++		++			
3.5	sewage water BIOHOCH pH=11		+60 °C	++		++			
3.6	sewage water BIOHOCH pH=2.5		+20 °C	++		++			
3.7	sewage water BIOHOCH pH=2.5		+40 °C	++		++			
3.8	sewage water BIOHOCH pH=2.5		+60 °C	24-		++			
3.9	sewage water BT 12, chemical plant, pH=10		+20 °C	++		++			
3.62	sewage water from cockery plant		+20 °C	24+		12–			
3.63	sewage water from cockery plant		+50 °C	6–		6–			
3.10	sewage water, chemical plant		+20 °C	++		++			
3.11	sewage water, chemical plant, pH 0,3		+20 °C	6–					
3.12	sewage water, chemical plant, pH 0,5		+20 °C	48-					
3.13	sewage water, chemical plant, pH 11		+20 °C	++		++		++	
3.14	sewage water, chemical plant, pH 4,6		+20 °C	++					
3.15	sewage water, chemical plant, pH 8, containing hydrogen sulfide		+20 °C	++	++	++		++	
3.16	sewage water, chemical plant, pH 8, containing hydrogen sulfide		+40 °C	++	++	++		++	

	3. Chemicals / Salts	Conc.	Temp.	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
3.23	sewage water, coking plant		+20 °C	++		12-			
3.24	sewage water, coking plant		+50 °C	6-		6-			
3.18	sewage water, dyeing mill, after flockulation, pH 8.5 to 10.5		+40 °C	48-		++		++	
3.20	sewage water, dyeing mill, collecting tank, pH 4 to 6		+40 °C	++		++			
3.19	sewage water, dyeing mill, during flotation, pH 9		+40 °C	++		++		++	
3.26	sewage water, mixture, benzene-containing	33 %	+20 °C			24+			
3.2	sewage water, neutralisation plant of dyeing mill, fatty pH 10		+20 °C			++			
3.22	sewage water, paper board production, pH 6,7		+40 °C	++		++			
3.21	sewage water, potato starch production, pH 5		+20 °C		++	++			
3.17	sewage water, printing plant		+50 °C	++		++		++	
3.25	sewage water, pumpwell, pH 7.5		+40 °C	++		++			
3.27	sewage water, test mixture A, solvent-containing, chemical plant		+20 °C	++	++	++			
3.28	sewage water, test mixture A, solvent-containing, chemical plant		+40 °C	++	++	++			
3.29	sewage water, test mixture B, solvent-containing, chemical plant		+20 °C	++	++	++			
3.30	sewage water, test mixture B, solvent-containing, chemical plant		+40 °C	++	++	++			
3.91	silicium tetra chloride		+20 °C	1-	3-	3-			
3.75	sodium acetate	5 %	+20 °C		++	++			
3.76	sodium bicarbonate	10 %	+20 °C	++	++	++	++	++	++
3.77	sodium carbonate	3 %	+20 °C			++			
3.78	sodium carbonate	5 %	+20 °C	++	++	++	++	++	++
3.79	sodium chlorate	25 %	+20 °C	++		++			
3.80	sodium chloride	0,50 %	+20 °C			++			
3.81	sodium chloride	3 %	+20 °C	++	++	++			
3.82	sodium chloride	5 %	+20 °C		++	++			
3.83	sodium chloride	20 %	+40 °C	++	++	++	++	++	++
3.84	sodium chloride	3 %	+50 °C			++			
3.85	sodium chloride	25 %	+60 °C	3-					
3.86	sodium chloride	3 %	+70 °C			48+			
3.87	sodium chloride	3 %	+80 °C			3+			
3.88	sodium tetraborate (Borax)	5 %	+20 °C		++	++			
3.71	tap water		+20 °C	++	++	++	++	++	++
3.72	tap water		+50 °C	++	++	++			
3.96	water, destilled		+20 °C	++	++	++	++	++	++
3.97	water, destilled		+40 °C	++	++	++	++	++	++
3.98	water, destilled		+50 °C	++	++	++			
3.99	water, destilled		+60 °C	++					
3.100	water, destilled		+70 °C	36-	12-	12-			
3.101	water, destilled		+80 °C	36-	0	1-			
3.102	water, destilled		+100 °C	24-	0	1-			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.2	acetaldehyde, ethanal	0,10 %	+20 °C			++			
4.3	acetaldehyde, ethanal	1 %	+20 °C			++			
4.4	acetaldehyde, ethanal	10 %	+20 °C			0			
4.5	acetaldehyde, ethanal	98 %	+20 °C			0			
4.9	acetone		+20 °C	0	0	0	0	0	0
4.10	Ad blue (solution of urea)	32,50 %	+20 °C			++	++	++	
4.11	Ad blue (solution of urea)	32,50 %	+40 °C			++	++	++	
4.12	Adip, regenerated (di-i-propanolamine 30 % in H2O)		+20 °C			++			
4.13	Aero-Öl D 100 (oil for jet turbines)		+20 °C			++	++		
4.14	alcohol mixtures up to 48 Vol-% ethanol (IB 5b)		+20 °C	0		++	++	++	12-
4.15	alcohol mixtures up to 48 Vol-% ethanol (IB 5b)		+40 °C	0		++	++	++	12-
4.16	alcohol mixtures up to 48 Vol-% methanol (IB 5)		+20 °C	3-		6+	3-		
4.17	alcohol mixtures up to 48 Vol-% methanol (IB 5)		+40 °C	3-		3-	3-		
4.19	alkyl benzene		+20 °C			++			
4.20	alkyl benzene V 404, temperature cycling biweekly		+20 / +80°C			++			
4.18	alkyl-aryl-phosphite		+20 °C	++		++			
4.21	allyl alcohol		+20 °C			0			
4.24	aniline		+20 °C	0		0			
4.26	Anisol		+20 °C			++			
4.28	antraceneoil TGK + H2O distilled		+20 °C			++			
4.158	aviation fuel 100LL + Deionat (IB 2)		+40 °C	12-		++	++		
4.157	aviation fuel Aero D 100		+20 °C			++			
4.159	aviation fuel Avgas 100		+20 °C			++	++		
4.160	aviation fuel Avgas 100 LL		+20 °C			++	++		
4.161	aviation fuel Avgas 115		+20 °C			++	++		
4.162	aviation fuel Avgas 80		+20 °C			++			
4.163	aviation fuel Avgas Grad 100		+20 °C			++			
4.164	aviation fuel Avgas Grad 100 LL		+20 °C			++			
4.165	aviation fuel Avgas Grad 115		+20 °C			++			
4.166	aviation fuel Avgas Grad 80		+20 °C			++			
4.167	aviation fuel F 18		+20 °C			++			
4.168	aviation fuel F 22		+20 °C			++			
4.169	aviation fuel Gasoline 100		+20 °C			++	++		
4.170	aviation fuel Gasoline 100 LL		+20 °C			++	++		
4.171	aviation fuel Gasoline 115/145		+20 °C			++	++		
4.172	aviation fuel Gasoline 80		+20 °C			++			
4.173	aviation fuel Jet A1 + Deionate (IB 2)		+40 °C	24-		++	++		
4.39	benzene/toluene/xylene/methylnaphtaline-mixture 30:30:30:10		+20 °C			++			
4.35	benzene/toluene-mixture 10:90 VT		+20 °C			++			
4.36	benzene/toluene-mixture 10:90 VT		+40 °C			++			
4.37	benzene/toluene-mixture 30:70 VT		+20 °C			++			
4.38	benzene/toluene-mixture 30:70 VT		+20 °C			++			
4.30	benzin 100/140		+20 °C		++	++	++		
4.31	benzin 100/140 + H2O dest.		+20 °C		++	++	++		
4.32	benzin 60/95		+20 °C			++	++		
4.33	benzin 80/110		+20 °C			++	++		
4.34	benzol saturated with H2O		+20 °C			0			
4.41	benzotrifluorid		+20 °C			++			
4.42	benzoyloctyladipate (plastiziser, Adimoll BO)		+20 °C			++			
4.43	biodiesel (rape oil methyl ester)		+20 °C		++	++	++	++	
4.44	biodiesel (rape oil methyl ester)		+40 °C		++	++	++	++	
4.45	bitumina solution 40/60		+80 °C			24+			
4.46	butane		+20 °C			++			
4.50	butyl acetate	98 %	+20 °C	48+	3–	++			
4.47	butyl alcohol, n.		+20 °C			++	++		
4.48	butyl alcohol, sec.		+20 °C			++	++		
4.49	butyl alhohol, tert.		+20 °C			++	++		
4.51	butyl di-ethylene glycol		+20 °C	24-		++	++	++	
4.52	butyl glycol		+20 °C	0		++	++	++	
4.53	butyltoluene, para-tert.		+20 °C			++			
4.54	calcium-ligninsulfonate120 Collex XB		+20 °C	48-	48-	++			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.55	calcium-ligninsulfonate120 Collex XB		+70 °C	24–	48-	++			
4.56	Carbolineum F		+20 °C	++		48–			
4.57	Carbolineum S		+20 °C	++		36–			
4.514	carbon tetrachloride		+20 °C			++			
4.515	carbon tetrachloride + H2O distilled		+20 °C			24+			
4.60	chlorinated paraffin 40 liquid (plastiziser)		+20 °C			++			
4.61	chlorinated paraffin 50 liquidN (plastiziser)		+20 °C			++			
4.63	chlorinated paraffin 52 G (plastiziser)		+20 °C			++			
4.62	chlorinated paraffin 52 liquid (plastiziser)		+20 °C			++			
4.64	chloro (3)propyl triethoxysilane		+20 °C			++			
4.58	chloroaniline, meta		+20 °C			0			
4.59	chloroform		+20 °C			0			
4.321	compressor oil (DX-Diala, Shell)		+20 °C	++		++			
4.502	creosote (Teeröl No. 1), high viscosity, brown/black		+80 °C			24–			
4.503	creosote (Teeröl No. 2), low viscosity, brown/black		+80 °C			1–			
4.504	creosote (Teeröl No. 2), low viscosity, green/olive		+80 °C			++			
4.439	crude oil (32 different types) + NaCl 0.5 %		+20 °C			++			
4.440	crude oil (NIL B:727)		+40 °C			++			
4.442	crude oil (NIL B:727) + NaCl 0,5%		+60 °C			++			
4.443	crude oil (NIL B:727) + NaCl 0,5%		+80 °C			++			
4.444	crude oil (NIL B:727) + NaCl 0,5%		+100 °C						
4.441	crude oil (NIL B:727) + NaCl 0,5% (IB 4b)		+40 °C			++			
4.445	crude oil + NaCl 0,5%		+50 °C			++			
4.446	crude oil + NaCl 0,5%		+70 °C			48+			
4.448	crude oil testing mixture		+20 °C	++	++	++	++		
4.449	crude oil testing mixture + NaCl 0.5 %		+20 °C	++		++	++		
4.450	crude oil testing mixture + NaCl 0.5 %		+40 °C			++	++		
4.447	crude oil, highly phenol/cresole containing		+20 °C			++			
4.121	crude oil, raw		+20 °C			++	++		
4.316	curd soap, pH=7	3 %	+20 °C	++	++	++			
4.67	cyclo hexanone		+20 °C			0			
4.65	cyclohexane		+20 °C			++	++		
4.66	cyclohexanol		+20 °C			++	++		
4.67	cyclohexanon		+20 °C			0			
4.68	cyclohexylacetate		+20 °C			++			
4.72	decalin + H2O distilled		+20 °C			++			
4.69	decanol (fatty alcohol, Nacol 10-99)		+20 °C	++		++			
4.70	decanol (fatty alcohol, Nacol 10-99)		+50 °C	24+		24+			
4.71	decanol (fatty alcohol, Nacol 10-99)		+80 °C	36-		6–			
4.73	di-2-ethylhexyladipate (Plastanoll DOA, plastiziser)		+20 °C			++			
4.74	di-2-ethylhexylphthalate (Palatinol AH, plastiziser)		+20 °C			++			
4.75	diacetone alcohol		+20 °C			0			
4.76	dibutylphthalat (plastiziser)		+20 °C	48+		++			
4.82	dichloro (2.5)-4-hexafluoropropoxy-4-nitrobenzene DHNB		+20 °C			++			
4.81	dichloro 2.5-4-hexafluoropropoxy-aniline DHA		+20 °C			++			
4.77	di-chlorobenzene, ortho - with hydrochloric acid 5 %		+20 °C			3-			
4.78	di-chlorobenzene, ortho - with hydrochloric acid 5 %		+40 °C			1-			
4.79	di-chlorobenzene, ortho - with hydrochloric acid 5 %		+60 °C			1-			
4.80	dichloromethane		+20 °C			0			
4.85	diesel, according to DIN 51601		+20 °C			++	++		
4.86	diesel, according to DIN 51601 + H2O dest.		+20 °C			++	++		
4.87	diesel, according to DIN 51601 + H2O dest.		+50 °C			++	++		
4.88	diesel, according to DIN 51601 + H2O dest.		+70 °C			3+			
4.89	diesel, according to DIN 51601 + H2O dest.		+80 °C			3+			
4.90	diesel, according to DIN 51601 + NaCl 0,5%		+20 °C			++	++		
4.91	diesel, according to DIN 51601 + NaCl 0,5%		+40 °C			++	++		
4.83	diesel-bio, rapeseed oil methylester		+20 °C		++	++	++		
4.84	diesel-bio, rapeseed oil methylester		+40 °C		++	++	++		
4.92	diethylene glycol		+20 °C	++	++	++	++		
4.93	diethylene glycol		+50 °C	12-	48-	++	++		
4.94	di-ethylphthalate (Palatinol A, plastiziser)		+20 °C			++			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.95	di-glycol		+20 °C	++	++	++	++		
4.96	di-glycol		+50 °C	12-	48-	++	++		
4.98	di-i-butyphthalat (Palatinol IC, plastiziser)		+20 °C			++			
4.99	di-i-decylphthalate (Plastomoll DIDA, plastiziser)		+20 °C			++			
4.100	di-i-nonylphthalate(Palatinol DN, plastiziser)		+20 °C			++			
4.97	di-iso butyl ketone		+20 °C			++			
4.101	dimethyl amine	1 %	+20 °C	++		++			
4.102	dimethyl amine	1 %	+40 °C	3-		++			
4.103	dimethyl amine	40 %	+20 °C	0		0			
4.104	dimethyl amine	40 %	+40 °C	0		0			
4.105	dimethyl amino propylamine (DMAPA)	100%	+60 °C	0		0			
4.106	dimethyl amino propylamine (DMAPA) in water	10%	+60 °C	0		++			
4.107	dimethyl benzene (xylene)		+20 °C	++	++	++	++	++	
4.108	dimethyl formamide		+20 °C	0	0	0			
4.109	dimethyl phthalate (Palatinol M, plastiziser)		+20 °C			++			
4.110	dioctyl adipat (Adimoll DO, plastiziser)		+20 °C			++			
4.11	dioctyl phthalate (plastiziser)		+20 °C			++			
4.112	dipentene (terpenehydrocarbon)		+20 °C			++			
4.113	diphenyl kresyl phosphate (plastiziser)		+20 °C			++			
4.114	diphenyl octylphosphat (plastiziser)		+20 °C			++			
4.115	di-tertiär-para-Butylkresol 80 % in xylene		+20 °C			++			
4.116	dodecanol		+20 °C	++		++	++	++	
4.117	dodecanol		+50 °C	24+		24+			
4.118	dodecylbenzene		+50 °C			++			
4.119	Dyeguard ROT MCGY, dyestuff for heating oil		+20 °C			++			
4.120	Dyeguard ROT MCGY, dyestuff for heating oil		+40 °C			++			
4.122	ester and ketones (without ceton) + distilled water(IB 7)		+20 °C	0		0	0	0	
4.123	ester and ketones (without ceton) + distilled water(IB 7)		+40 °C	0		0	0	0	
4.131	ethanol + fatty acid amine 95:5		+20 °C			3–			
4.135	ethanol up to 48Vol-% ethanol (IB 5b)		+20 °C	0		++	++		12-
4.136	ethanol up to 48Vol-% ethanol (IB 5b)		+40 °C	0		++	++		12-
4.139	ethanol, denatured	50 %	+20 °C		++				
4.140	ethanol, denatured	96 %	+20 °C	0	3-	1-	1-	3-	3-
4.132	ethanol, pure	10 %	+20 °C		++	++	++	++	++
4.133	ethanol, pure	15 %	+20 °C		++	++	++	++	++
4.134	ethanol, pure	15 %	+40 °C		++	++	++	++	++
4.137	ethanol, pure	50 %	+20 °C		++	++			
4.138	ethanol, pure	96 %	+20 °C		3–	0			
4.124	ethanolamine	1 %	+20 °C	++		++		++	
4.125	ethanolamine	1 %	+40 °C	36-		++			
4.126	ethanolamine	5 %	+20 °C	48+		48+			
4.127	ethanolamine	100 %	+20 °C	1-		1-	1-	1-	
4.128	ethanolamine	100 %	+40 °C	0		0			
4.129	ethyl acetate + methyl isobutyl ketone (1:1) + dist.water, IB 7		+40 °C	0		0	0	0	0
4.130	ethyl acetate + methyl isobutyl ketone (1:1), Gr. IB 7		+40 °C	0		0	0	0	0
4.141	ethyl benzene		+20 °C			++			
4.142	ethyl butyl ketone		+20 °C			24–			
4.143	ethyl butyltoluene		+20 °C			1+			
4.144	ethyl di-ethylene glycole(diethyleneglykol monoethylether)		+20° C			6-			
4.155	ethyl glycol (2-ethoxyethanol)		+20 °C			0			
4.156	ethyl glycol acetate (2-ethoxyethylacetat)		+20 °C			6–			
4.145	ethylene chloride		+20 °C			0			
4.146	ethylene chloride + H2O distilled		+20 °C			0			
4.147	ethylene glycol, di- (di ethylene glycole, diglycol)		+20 °C	++	++	++			
4.148	ethylene glycol, di- (di ethylene glycole, diglycol)		+50 °C	12-	48-	++			
4.149	ethylene glycol, mono- (monoglycol, glykol,ethanediol, MEG)		+20 °C	++	++	++	++	++	
4.150	ethylene glycol, mono- (monoglycol, glykol,ethanediol, MEG)		+40 °C	++	++	++	++	++	
4.151	ethylene glycol, mono- (monoglycol, glykol,ethanediol, MEG)		+50 °C	++	++	++			
4.152	ethylene glycol, tri- (triglycol, triethylene glycol, TEG)		+20 °C	++	++	++			
4.153	ethylene glycol, tri- (triglycol, triethylene glycol, TEG)		+50 °C	6-	12-	12-			
4.154	ethylene oxide		+20 ° C			0			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.196	fluoroanilin, ortho		+20 °C			1–			
4.197	formaldehyde	1 %	+20 °C		++				
4.198	formaldehyde	3 %	+20 °C			++			
4.200	formaldehyde (formalin)		+40 °C			2–			
4.199	formaldehyde (formalin), IB 8	37 %	+20 °C		++	++	3-	6+	
4.201	formaldehyde-condensate		+20 °C			++			
4.496	fuel, high octane testing mixture, acc. Swiss Regulation, appendix 6		+20 °C		24+				
4.497	fuel, high octane testing mixture, acc. TRbF 401		+20 °C			24+			
4.498	fuel, high octane testing mixture, acc. TRbF 401		+50 °C			24+			
4.499	fuel, high octane testing mixture, acc. TRbF 401 + H2O distilled		+20° C			24+			
4.485	fuel, high octane, lead containing		+40 °C			++			
4.486	fuel, high octane, lead containing		+20 °C			++			
4.487	fuel, high octane, lead containing + H2O distilled		+20 °C			++			
4.488	fuel, high octane, lead containing + Kerofluid ES 2 75:25		+20 °C			++			
4.489	fuel, high octane, lead containing + methyl-tertiär-butylether 50:50		+20 °C			24+			
4.490	fuel, high octane, lead containing + methyl-tertiär-butylether 70:30		+20 °C			24+			
4.491	fuel, high octane, lead containing + methyl-tertiär-butylether 85:15		+20 °C			24+			
4.492	fuel, high octane, lead containing + NaCl 0.5 %		+20 °C			++			
4.493	fuel, high octane, lead containing + tert.-Butanol 50:50		+20 °C			25+			
4.494	fuel, high octane, lead containing + tert.-Butanol 70:30		+20 °C			25+			
4.495	fuel, high octane, lead containing + tert.-Butanol 85:15		+20 °C			25+			
4.482	fuel, high octane, leadfree		+20 °C			++			
4.483	fuel, high octane, leadfree		+40 °C			++			
4.484	fuel, high octane, leadfree, methanol containing, acc. EG Regulations		+20 °C			++			
4.406	fuel, low octane (FAM testliquid) + Deionat (IB 1)		+40 °C	6-		++			
4.202	fumaric-acid i-octylester		+20 °C	++	++	++			
4.203	furfural (Furfurol, Furfurylaldehyd)		+20 °C			0			
4.205	gear oil, new from production		+20 °C			++	++		
4.204	gear oil, used		+20 °C			++	++		
4.209	glycerine		+20 °C			++			
4.206	glycol (mono ethylene glycol, mono glycol, ethanediol , MEG)		+20 °C	++	++	++	++	++	
4.207	glycol (mono ethylene glycol, mono glycol, ethanediol, MEG)		+40 °C	++	++	++	++	++	
4.208	glycol (mono ethylene glycol, mono glycol, ethanediol, MEG)		+50 °C	++	++	++			
4.452	grinding oil		+40 °C		++	++			
4.210	halogenated hydrocarbons (aliphatic. + C2) + HCl 0.3 % (IB 6)		+20 °C	0		0	0	0	0
4.211	halogenated hydrocarbons(aliphatic.+ C1) + HCl 0.3 % (IB 6a)		+20 °C	0		0	0	0	0
4.212	HAN (heavy aromatic naphta)		+20 °C			++	++		
4.215	heating oil EL		+20 °C	++		++	++		
4.216	heating oil EL + H2O distilled		+20 °C			++	++		
4.217	heating oil EL + NaCl 0,5 %		+20 °C	++		++	36+		36+
4.218	heating oil S		+80 °C			++			
4.219	heating oil S (with 3.22 % sulfur)		+80 °C			++			
4.220	heating oil S + H2O des. (with 3.22 % sulfur)		+80 °C			++			
4.221	heating oil S with 25 % Koker heating oil		+80 °C			++			
4.222	heating oil S with 25 % Koker heating oil + H2O distilled		+80 °C			++			
4.480	heating oil, produced from coal		+20 °C	48–		++			
4.481	heating oil, produced from coal + NaCl 0.5 %		+20 °C	++		++			
4.223	heating oil, test oil A 20 NP II + NaCl 0.5 % (IB 3)		+20 °C			++	++		
4.224	heating oil, test oil A 20 NP II + NaCl 0.5 % (IB 3)		+40 °C	24-		++	++		
4.455	heavy aromatic naphta		+20 °C			++	++		
4.225	hexadecanol (Trade name Nacol 16-99)		+20 °C	++		++			
4.226	hexadecanol (Trade name Nacol 16-99)		+50 °C	++		++			
4.227	hexadecanol (Trade name Nacol 16-99)		+80 °C	++		++			
4.228	hexanol (Trade name Nacol 6-97)		+20 °C	12-		++			
4.229	hexanol (Trade name Nacol 6-97)		+50 °C	24+		24+			
4.230	hexanol (Trade name Nacol 6-97)		+80 °C	6–		3–			
4.231	Hordaflex LC 50 (plastiziser)		+20 °C			++			
4.232	hydraulic fluid – Aeroshell Fluid 4		+85 °C	1+		1+			
4.233	hydraulic fluid – Avilub HLP-D 68		+85 °C	1+		1+			
4.234	hydraulic fluid – Avilub RSL 68		+85 °C	1+		1+			
4.235	hydraulic fluid – Avilub RSX		+85 °C	1+		1+			

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4.236	hydraulic fluid – Bechem Starlit EM-P	5 %	+20 °C	++		++			
4.237	hydraulic fluid – Brenntag 46		+85 °C	1+		1+			
4.238	hydraulic fluid – Brenntag 709 TR 22		+85 °C	1+		1+			
4.239	hydraulic fluid – Brenntag Hydrolube NF 46		+85 °C	1+		1+			
4.240	hydraulic fluid – Ecubsol 36		+85 °C	1+		1+			
4.241	hydraulic fluid – Ecubsolhydrotherm 36		+70 °C	36-		++			
4.242	hydraulic fluid – Fyrquel EHC		+85 °C	1+		1+			
4.243	hydraulic fluid – HFC		+80 °C	24-		24-			
4.244	hydraulic fluid – Houghto Safe 620		+85 °C	1+		1+			
4.245	hydraulic fluid – HSD		+20 °C	++					
4.246	hydraulic fluid – Hydraulic TR-46		+70 °C	++		36-			
4.247	hydraulic fluid – Hydrotherm 46 NF		+85 °C	1+		1+			
4.248	hydraulic fluid – Pentosin LHF 7.1		+85 °C	1+		1+			
4.249	hydraulic fluid – QuintoLubric 822-820		+85 °C	1+		1+			
4.250	hydraulic fluid – Skydrol		+85 °C	0		0			
4.251	hydraulic fluid – Ukadol 46 NG		+85 °C	0		1+			
4.252	hydraulic fluid Quaker N MFF-46		+20 °C	++		++			
4.253	hydraulic fluid Quaker N MFF-46		+60 °C	24-		12-			
4.254	hydraulic fluid Quaker N MFF-46-P		+20 °C	++		++			
4.255	hydraulic fluid Quaker N MFF-46-P		+60 °C	36-		36-			
4.256	hydraulic fluid Quaker N MFF-68		+20 °C	++		++			
4.257	hydraulic fluid Quaker N MFF-68		+60 °C	48-		24-			
4.258	hydraulic fluid Quintolubric N 730		+20 °C	++		++			
4.259	hydraulic fluid Quintolubric N 730		+60 °C	12-		24-			
4.260	hydraulic fluid Quintolubric N 822-220		+20 °C	++		++			
4.261	hydraulic fluid Quintolubric N 822-220		+60 °C	++		++			
4.262	hydraulic fluid Quintolubric N 822-300		+20 °C	++		++			
4.263	hydraulic fluid Quintolubric N 822-300		+60 °C	++	36-	++			
4.264	hydraulic fluid Quintolubric N 822-320		+60 °C	++		++			
4.271	hydraulic fluid Quintolubric N 822-320		+20 °C	++		++			
4.265	hydraulic fluid Quintolubric N 850		+20 °C	++		++			
4.266	hydraulic fluid Quintolubric N 850		+60 °C	++		++			
4.267	hydraulic fluid Quintolubric N 860		+20 °C	++		++			
4.268	hydraulic fluid Quintolubric N 860		+60 °C	++		++			
4.269	hydraulic fluid Quintolubric N 870-68T		+20 °C	++		++			
4.270	hydraulic fluid Quintolubric N 870-68T		+60 °C	++		++			
4.272	hydraulic oil		+20 °C			++			
4.273	hydraulic oil		+80 °C		++	++			
4.274	hydraulic oil		+120 °C		1+	1+			
4.275	hydraulic oil (Biohyd 46, BP)		+60° C	48-	++	++			
4.276	hydraulic oil (Biohyd SE 46, BP)		+60° C	++	++	++			
4.277	hydraulic oil (Biotek Alpin 22, Castrol)		+60° C	12-	++	++			
4.278	hydraulic oil (Econa E 46, DEA))		+60° C	12-	36-	48-			
4.279	hydraulic oil (Econa R 32, DEA))		+60° C	6-	12-	12-			
4.280	hydraulic oil (Esterhyd HE 46)		+60° C	36-	36-	++			
4.281	hydraulic oil (Florahyd RT HVI 32)		+60° C	6-	12-	++			
4.282	hydraulic oil (HE 46, Esso)		+60° C	36-	48-	++			
4.283	hydraulic oil (PFL, Esso)		+60° C	6-	12-	12-			
4.284	hydraulic oil (Plantohyd 32 N, Fuchs)		+60° C	6-	12-	12-			
4.285	hydraulic oil (Plantohyd 32 S, Fuchs)		+60° C	6-	++	++			
4.286	hydraulic oil (Plantohyd 46 S, Fuchs)		+60° C	++	++	++			
4.287	hydraulic oil BP Energol HLP 100		+20 °C		++	++			
4.288	hydraulic oil Panolin HLP synth. 15-18		+60 °C	++	++	++			
4.289	hydraulic oil Panolin HLP synth. 46		+20 °C	++		++			
4.290	hydraulic oil Panolin HLP synth. 46		+60 °C	++		++			
4.291	hydraulic oil Rt HVI 32 Raisio		+20 °C	++	++	++			
4.292	hydraulic oil Rt HVI 32 Raisio		+80 °C	++	48-	++			
4.293	hydraulic oil Tellus Arctic 32		+60 °C	++					
4.294	hydraulic oil Tellus Arctic 32		+80 °C	++					
4.295	hydraulic oil Tellus Naturelle HF-E46		+60 °C	++					
4.296	hydraulic oil Tellus Naturelle HF-E46		+80 °C	++					

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.297	hydraulic oil Tellus Oil 32		+60 °C	++					
4.298	hydraulic oil Tellus Oil 32		+80 °C	++					
4.299	hydraulic oil Tellus Oil T32		+60 °C	++					
4.300	hydraulic oil Tellus Oil T32		+80 °C	++					
4.301	hydrazine	15 %	+20 °C		++				
4.318	hydrocarbons, exept benzene + demineralized water (IB 4)		+20 °C	3-	++	++	++		
4.319	hydrocarbons, exept benzene + demineralized water (IB 4)		+40 °C	3-		++	++		
4.302	hydroxiethan-sulfonsaures Natrium in Lösung, pH=8		+20 °C	48+	48+	48+			
4.303	i -butanol		+20 °C			++			
4.304	i-butylacetate	98-100%	+20 °C			++			
4.305	i-decylalcohol		+20 °C			++			
4.306	i-nonylalcohol		+20 °C			++			
4.308	i-octane		+20 °C			++	++		
4.310	i-octane/toluene 50/50 + 3 %Methanol +3 %Propanol (DCSEA)		+50 °C	++		++	++		
4.309	i-octane/toluene mixture 50/50		+50 °C	48+	48+				
4.307	i-octylalcohol		+20 °C			++			
4.311	i-paraffin		+20 °C			++			
4.313	i-propylalcohol		+20 °C	++	++	++			
4.314	i-propylalcohol		+40 °C			++			
4.312	isophoron S 63		+20 °C			1–			
4.7	isopropyl aceto acetate E 510		+20 °C	36-	++	++			
4.315	i-tridecylalcohol		+20 °C			++			
4.317	Kerofluid ES 2 (Additiv)		+20 °C			++			
4.322	Kristallöl 21 (white spririt)		+20 °C			++			
4.323	Kristallöl 30 (white spririt)		+20 °C			++			
4.324	Kristallöl 60 (white spririt)		+20 °C			++			
4.325	limonene mixture		+20 °C			++			
4.326	m - nitrotoluene		+20 °C			13–			
4.328	machine grease		+20 °C			++			
4.329	machine oil		+20 °C			++			
4.327	marlican (dodecylbenzene)		+20 °C			++			
4.330	mesitylen (trimethylbenzene)		+20 °C			++			
4.331	methanol (methyl alcohol)		+20 °C	0	0	0	0	0	0
4.332	methanol (methyl alcohol)		+40 °C	0	0	0	0	0	0
4.333	methanol + H2O distilled 20:80 (Vol.-parts)		+20 °C			++			
4.334	methanol + H2O distilled 75:25		+20 °C			0			
4.335	methanol + tert.-butanol + water 3:3:94		+20 °C			++			
4.336	methanol + toluene 50:50		+20 °C			0			
4.337	methoxybutanol		+20 °C			0			
4.338	methoxyhexanon		+20 °C			12–			
4.339	methyl - 2 - aminoethanol	1 %	+20 °C	++		++			
4.340	methyl - 2 - aminoethanol	1 %	+40 °C	++		++			
4.341	methyl - 2 - aminoethanol	98 %	+20 °C	0		1-			
4.342	methyl - 2 - aminoethanol	98 %	+40 °C	0		0			
4.343	methyl - 4 - morpholin	1 %	+20 °C	++		++			
4.344	methyl - 4 - morpholin	1 %	+40 °C	++		++			
4.345	methyl - 4 - morpholin	98 %	+20 °C	0		1-			
4.346	methyl - 4 - morpholin	98 %	+40 °C	0		0			
4.347	methyl - 4 - morpholinoxid	1 %	+20 °C	++		++			
4.348	methyl - 4 - morpholinoxid	1 %	+40 °C	++		++			
4.349	methyl - 4 - morpholinoxid	10 %	+20 °C	++		++			
4.350	methyl - 4 - morpholinoxid	10 %	+40 °C	++		++			
4.351	methyl amin	1 %	+20 °C	12-		48-			
4.352	methyl amin	1 %	+40 °C	1-		6-			
4.353	methyl amin	5 %	+20 °C				3-		
4.354	methyl amin	40 %	+20 °C	1-		0	0	0	0
4.355	methyl amin	40 %	+40 °C	0		0			
4.356	methyl ammonium chloride	10 %	+20 °C	36-		++			
4.357	methyl ammonium chloride	10 %	+40 °C	36-		++			
4.358	methyl benzene (toluene)		+20 °C			++			
4.359	methyl benzyl alcohol		+20 °C			0			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.360	methyl diglycol		+20 °C			0			
4.363	methyl ethyl ketone MEK		+20 °C	0		0			
4.364	methyl glycol acetate		+20 °C			0			
4.365	methyl hexalin		+20 °C			6-			
4.366	methyl iso amyl ketone		+20 °C			0			
4.367	methyl isobutyl ketone + ethyl acetate (1:1) + distilled water, Gr.IB7		+40 °C	0	0	24-	0	0	
4.368	methyl methacrylate		+20 °C	24+	24+	24+			
4.369	methyl tertiär butyl ether MTB		+20 °C			24+			
4.362	methylen chloride + H2O dest.		+20 °C			0			
4.361	methylene chloride		+20 °C		0	0			
4.370	mineralic spirits of turpentine		+20 °C			++			
4.371	monoethylenglycol		+50 °C	++	++	++			
4.372	monostyrol		+20 °C			++			
4.373	motor and gear oil, used (IB 4c)		+40 °C	++		++	++	+	
4.407	motor fuel, lead-free		+20 °C			++			
4.408	motor fuel, lead-free, containung methanol acc EU-Reg.		+20 °C			++			
4.411	motor fuel, Super, lead-containing		+20 °C			++			
4.409	motor fuel, Super, lead-free		+20 °C			++			
4.410	motor fuel, Super, lead-free, containung methanol acc EU-Reg.		+20 °C			++			
4.374	motor oil, used		+20 °C			++	++	++	
4.375	m-Toluidin		+20 °C			6-			
4.376	m-xylene		+20 °C	++	24+	++	++		
4.377	m-xylene + H2O distilled		+20 °C	48+	14+	++	36+		
4.378	m-xylene + NaCl 0.5 %		+20 °C			++	36+		
4.384	Nad-Solvenat 160 (aliphate)		+20 °C			++			
4.385	naphtha CCN 5		+20 °C			++	++		
4.379	n-heptane		+20 °C			++	++		
4.386	n-hexane		+20 °C			++	++		
4.387	nitro (2)-N-N-dimethylanilin		+20 °C			27+			
4.380	n-methylpyrrolidon		+20 °C	0		0	0		
4.381	n-methylpyrrolidon		+40 °C	0		0	0		
4.388	nonane		+20 °C			++			
4.389	nonylphenoloxethylat		+20 °C			1-			
4.382	n-pentane	95 %	+20 °C			++	++		
4.383	n-propylacetate		+20 °C	++	++	++	++		
4.25	o-Anisidine (2-methoxyaniline)		+20 °C			6-			
4.397	octadecanol (Nanol 18-99)		+20 °C	++		++			
4.398	octadecanol (Nanol 18-99)		+50 °C	++		++			
4.399	octadecanol (Nanol 18-99)		+80 °C	++		++			
4.400	octane		+20 °C			++	++		
4.401	octanol (Nanol 8-99)		+20 °C	++		++			
4.402	octanol (Nanol 8-99)		+80 °C	24-	3-	++			
4.403	octylacidbased polyester (plastiziser)		+20 °C			++			
4.394	o-nitroanisole		+20 °C			13-			
4.395	o-nitrofluoro-benzene		+20 °C			13-			
4.396	o-nitrophenetol		+20 °C			27+			
4.405	orange terpene, colourless + H2O distilled		+20 °C			++			
4.404	orange terpene, yellowish + H2O distilled		+20 °C			++			
4.412	o-xylene		+20 °C			++	++		
4.415	paraffin liquid, colourless		+20 °C			++	++		
4.416	pentanol		+20 °C			++	++		
4.417	pentanphosphonat DPPP		+20 °C	0	0	0			
4.418	pentoxone (Methoxyhexaneon)		+20 °C			12-			
4.419	perchloroethylene + H2O distilled		+20 °C			24+			
4.420	perchloroethylene, anhydrous		+20 °C			++			
4.390	petrol, containung methanol acc EU-Reg.		+20 °C			++			
4.392	petrol, lead-containing		+20 °C			++			
4.391	petrol, lead-free		+20 °C			++			
4.421	petroleum		+20 °C			++	36+		
4.422	phenothiacin	i. Subst.	+20 °C		++	++			
4.423	phenylglycid-ether		+20 °C			0			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.424	phthalic-acid based polyester (plastiziser)		+20 °C			++			
4.561	plastiziser (Hordaflex LC 50)		+20 °C			++			
4.562	plastiziser PM		+20 °C			++			
4.563	plastiziser TR		+20 °C			++			
4.414	p-nitro benzoic acid ethyl ester		+100 °C			0			
4.413	p-nitroanisol PNA		+80 °C	0		1+			
4.425	polyacrylamide	6 %	+40 °C			36+			
4.426	polyadipat		+20 °C			++			
4.427	polyglycol 400		+50 °C			24+			
4.430	polypropylenglycol		+20 °C			++			
4.429	propylene carbonate		+20 °C	6-	++	++			
4.430	propylene glycol		+20 °C			++			
4.431	propylene oxide		+20 °C			0			
4.432	p-xylene		+20 °C			++	++		
4.433	pyrolysis petrol MUV 1453		+20 °C	++		++	++		
4.436	raw alkylat R 301+ leach, temperature cycling biweekly		+20°C /+80°C			12+			
4.437	raw alkylat V 104+ leach, temperature cycling biweekly		+20°C /+80°C			12+			
4.438	raw benzene		+20 °C	0					
4.434	ricinus oil OL-220		+20 °C		++	++			
4.435	ricinus oil OL-220		+50 °C		++	++			
4.566	rubbing alcohol		+20 °C			++			
4.451	Sangajol (white spirit, turpentine)		+20 °C			++			
4.457	Sinamel		+20 °C			++			
4.458	slop-oil		+80 °C			3-			
4.453	soft soap, pH 7	5 %	+20 °C		++				
4.460	solvay-oil + H2O distilled		+20 °C			++			
4.461	solvent 100/140 (mixture of aliphates)		+20 °C		++	++			
4.462	solvent 100/140 + H2O distilled (mixture of aliphates)		+20 °C			++			
4.463	solvent 60/95 (aliphate)		+20 °C			++			
4.464	solvent 80/110 (aliphate)		+20 °C			++			
4.465	solventnaphta CNN 5 (Shell)		+20 °C			++			
4.466	Solvesso 100		+20 °C			++			
4.467	Solvesso 150		+20 °C			++			
4.459	soya-oil		+70 °C		6-				
4.468	spezial benzin 100/125 (white spirit)		+20 °C			++			
4.469	spezial benzin 100/140 (white spirit)		+20 °C			++			
4.470	spezial benzin 30/75 (white spirit)		+20 °C			++			
4.471	spezial benzin 35/80 (white spirit)		+20 °C			++			
4.472	spezial benzin 60/140 (white spirit)		+20 °C			++			
4.473	spezial benzin 60/80 (white spirit)		+20 °C			++			
4.474	spezial benzin 60/95 (white spirit)		+20 °C			++			
4.475	spezial benzin 63/80 (white spirit)		+20 °C			++			
4.476	spezial benzin 65/70 (white spirit)		+20 °C			++			
4.477	spezial benzin 80/110 (white spirit)		+20 °C			++			
4.478	spindel oil, lube with low viscosity		+20 °C			++			
4.479	spiritus, ethanil	conc.	+20 °C	0	3-	1-			
4.500	synthetic oil ED 62/36 (SHC 630)		+20 °C		++	++			
4.501	synthetic oil ED 62/36 (SHC 630)		+70 °C		++	++			
4.505	Terapin (white spirit)		+20 °C			++			
4.516	tetradecanol		+20 °C	++		++			
4.517	tetradecanol		+50 °C	++		24+			
4.518	tetradecanol		+80 °C	++		24-			
4.519	tetrahydrothiophene		+20 °C			1-			
4.520	tetralin		+20 °C			12-			
4.521	tetralin + H2O distilled		+20 °C			12-			
4.522	toluene		+20 °C	48+		++	++		
4.523	toluene		+40 °C			++	++		
4.524	toluene + H2O distilled		+20 °C	++		++	++		
4.525	transformer oil, Energol IHS-A inhibiert (BP)		+20 °C	++		++			
4.526	transformer oil, Energol IS-P (BP)		+20 °C	++		++			
4.527	transformer oil, O/ex JS 2223 (BP)		+20 °C	++		++			

	4. Organic media (E.g. solvents, softeners, oils, greases, mineral oil products)	**Conc.**	**Temp.**	Sika® Permacor®-3326 EG H	Sika® Permacor®-2807 HS	Sika® Permacor®-2807 HS A	Sika® Permacor®-138 A	SikaCor®-299 Airless	SikaCor®-146 DW
4.528	transformer oil, RWE		+20 °C	++		++			
4.529	transformer oil, Shell		+20 °C	++		++			
4.530	transformer oil, Technol Basisöl R 12		+20 °C	++		++			
4.531	transformer oil, Technol US 3000		+20 °C	++		++			
4.532	tributylphosphate (plastiziser)		+20 °C		0	0			
4.533	trichlorethylene		+20 °C	0		3-			
4.534	trichlorethylene + H2O distilled		+20 °C			12-			
4.535	trichlorethylphosphate (plastiziser)		+20 °C			++			
4.536	triethylenglycol (triglycol)		+20 °C	++	++	++			
4.537	triethylenglycol (triglycol)		+50 °C	6-	12-	12-			
4.538	trikresylphosphat (plastiziser)		+20 °C			++			
4.539	trimethylbenzene		+20 °C	++	++				
4.540	trioctylphosphat		+20 °C			++			
4.179	turbine fuel F 40		+20 °C			++			
4.181	turbine fuel high flash jet-fuel		+20 °C			++			
4.182	turbine fuel JP 1		+20 °C			++	++		
4.185	turbine fuel JP 4 + H2O dest.		+20 °C			++	++		
4.186	turbine fuel JP 5		+20 °C			++	++		
4.187	turbine fuel JP 6		+20 °C			++	++		
4.188	turbine fuel JP 7		+20 °C			++	++		
4.189	turbine fuel JP 7 + H2O dest.		+20 °C			++	++		
4.190	turbine fuel JP 7 + H2O dest.		+40 °C			++	++		
4.174	turbine fuel Avcat		+20 °C			++			
4.175	turbine fuel Avtag		+20 °C			++			
4.176	turbine fuel Avtur		+20 °C			++			
4.177	turbine fuel F 34		+20 °C			++			
4.178	turbine fuel F 35		+20 °C			++			
4.180	turbine fuel F 44		+20 °C			++			
4.183	turbine fuel JP 1 + H2O distilled		+20 °C			++	++		
4.184	turbine fuel JP 4		+20 °C			++	++		
4.191	turbine fuel JP 8 (type Jet A1) + demineralised water (IB 2)		+20 °C			++	++		
4.192	turbine fuel JP 8 (type Jet A1) + demineralised water (IB 2)		+40 °C	24-		++	++		
4.193	turbine fuel kerosene Jet-A		+20 °C			++	++		
4.194	turbine fuel low volatility		+20 °C			++			
4.195	turbine fuel widecut Jet-B		+20 °C			++			
4.506	turpentine oil		+20 °C			24-			
4.29	turpentine oil, destillation		+20 °C			24-			
4.10	urea solution (Ad blue)	32,50 %	+20 °C			++	++	++	
4.11	urea solution (Ad blue)	32,50 %	+40 °C			++	++	++	
4.22	used oil, testing mixture		+20 °C			++	++		
4.23	used oil, testing mixture		+40 °C			++	++		
4.560	vinylacetate		+20 °C	0	0	24-			
4.564	white oil		+20 °C			++			
4.507	white spirit		+20 °C			++	++		
4.508	white spirit + butyglycol 85:15		+20 °C			++			
4.509	white spirit + H2O distilled		+20 °C			++			
4.510	white spirit + NaCl 0,5%		+20 °C			++			
4.511	white spirit 135/180		+20 °C			++	36+		
4.512	white spirit 155/185		+20 °C			++	36+		
4.513	white spirit 180/200		+20 °C			++	36+		

	5. Foodstuff	Conc.	Temp.	Sika Permacor-3326 EG H	Sika Permacor-2807 HS	Sika Permacor-2807 HS A	Sika Permacor-138 A	SikaCor-299 Airless	SikaCor-146 DW
5.4	apple juice		+20 °C		++				++
5.5	apple juice concentrated		+20 °C		++				++
5.6	apple juice concentrated		+70 °C		1–				1-
5.7	apricot pulp, sulfurdioxide added		+20 °C		++				++
5.8	beer		+20 °C		++				++
5.23	curdled milk, clabber		+20 °C		++				++
5.11	currant juice		+20 °C		++				++
5.2	ethanol, pure	50 %	+20 °C		24+	24+			
5.3	ethanol, pure	96 %	+20 °C		3–	1–			3-
5.9	glutamate-flavour		+20 °C		++	++			++
5.10	glutamate-flavour		+70 °C		1–	12–			
5.33	grape juice, red		+20 °C		++				
5.24	lard		+20 °C		++				++
5.14	margarine (Rama)		+20 °C		++				++
5.13	mash		+50 °C		++	++			++
5.34	milk		+20 °C		++				++
5.16	mineral water		+20 °C		++				++
5.15	molasse, pH=5–6		+70 °C		++	++			
5.30	mustard		+20 °C		3–				
5.17	olive oil		+40 °C		++	++		++	++
5.18	orange juice, concentrated		+20 °C		++				++
5.19	orange juice, concentrated		+70 °C		6–				
5.35	potable water		+20 °C		++				++
5.33	red wine		+20 °C		++	24+			++
5.21	rum (Jamaica)	75 %	+20 °C		0				0
5.22	sauerkraut		+20 °C		++				++
5.26	soya bean oil		+70 °C		12+				6-
5.25	sparkling wine		+20 °C		++				++
5.12	spirits of grain	42 %	+20 °C		++	++			
5.27	sunflower oil		+20 °C		++				++
5.32	tomato juice		+20 °C		++				++
5.31	tomato ketchup		+20 °C		12–				
5.28	vegetable oil		+20 °C		++				++
5.29	vegetable oil		+80 °C		6–				3-
5.37	whisky (Seagram's low wines)	65 %	+20 °C		24+				
5.36	wine, white		+20 °C		++				++

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