

Isopar™ Exxsol™ Varsol™ Solvesso™

ExxonMobil

Typical properties 2020
Europe, Middle East & Africa portfolio

Fluids at a glance

Energy lives here™



Fluids at a glance

Typical properties 2020 - Europe, Middle East & Africa

Hydrocarbon fluids		Distillation IBP	Distillation DP / FBP^	Flash point	Density at 15°C
	Products	°C	°C	°C	kg/m³
Isoparaffins All Isopar™ fluids typically contain less than 1 ppm benzene	Isopar C	98	105	-5	699
	Isopar E	115	139	8	723
	Isopar G	163	175	45	748
	Isopar H	180	190	59	759
	Isopar J	183	208	61	763
	Isopar K	181	204	61	761
	Isopar L	192	211	69	767
	Isopar M	208	254^	81	782
	Isopar N	227	256^	96	787
	Isopar V	270	308^	127	812
Pentanes All Exxsol™ Pentane fluids typically contain less than 1 ppm benzene	Exxsol Isopentane S	27	29	-55	624
	Exxsol Pentane 80	34	35	-50	631
	Exxsol Pentane 100 S	36	37	-48	632
Dearomatized All Exxsol™ D fluids typically contain less than 1 ppm benzene	Exxsol Isohexane	56	62	-36	673
	Exxsol Hexane	66	69	-28	678
	Exxsol Heptane	94	99	-6	721
	Exxsol DSP 60/95 S	64	98	-27	702
	Exxsol DSP 80/110	89	107	-10	726
	Exxsol DSP 100/140	106	138	0	744
	Exxsol DSP 100/160	109	157	4	747
	Exxsol DSP 145/160	146	157	33	764
	Exxsol D30	138	164	28	763
	Exxsol D40	154	193	41	777
	Exxsol D60	185	214	65	793
	Exxsol D80	203	240	79	807
	Exxsol D220/230	221	233^	91	811
	Exxsol D220/240	222	248^	90	813
	Exxsol D100 ULA	235	265^	103	822
	Exxsol D120	253	297^	119	832
	Exxsol D140	278	313^	137	832
Naphtenics Nappar™ 6 fluid typically contains less than 1 ppm benzene	Nappar 6	78	82	-17	763
Non-dearomatized (Varsol™ fluids)	Varsol 30	137	164	28	774
	Varsol 40	155	194	42	788
	Varsol 60	184	214	65	804
	Varsol 80	204	241	80	820
	Varsol 120	256	297^	120	847
Aromatics All Solvesso™ fluids typically contain less than 1 ppm benzene	Solvesso 100	166	181	50	877
	Solvesso 150	180	206	66	896
	Solvesso 150 ND	180	194	64	885
	Solvesso 200	231	280^	105	992
	Solvesso 200 ND	246	301^	115	990

Oxygenated fluids		Distillation IBP	Distillation DP	Flash point	Density at 20°C
	Products	°C	°C	°C	kg/m³
ExxonMobil™ fluids	ExxonMobil IPA	82.1	82.3	12	785
	ExxonMobil MEK	79.5	79.8	<0	805
	ExxonMobil SBA	99.5	100.1	23	805



Notes:
 Typical values indicated in this chart describe typical physical properties and do not constitute specification limits.
 The typical values may vary over time.
 Test method names are available on Product Data Sheets.

■ NON-VOC according to Paint directive (2004/42/CE)
 ■ NON-VOC according to Directive 2010/75/EU on industrial emissions

Evaporation rate at 25°C	Vapor pressure at 20°C ExxonMobil	Aromatic content	Aniline point mixed^	Kinematic viscosity at 25°C	Surface tension at 25°C	Color Saybolt color ASTM scale^	Refractive index at 20°C
n-BuAc = 100	kPa	wt%	°C	mm ² /s	mN/m		
360	4	≤0.001	78	0.69	18.8	+30	1.393
170	2	≤0.001	73	0.83	20.9	+30	1.405
18	0.2	0.002	78	1.11	22.9	+30	1.418
7.1	0.08	0.003	80	1.38	23.7	+30	1.423
4.9	0.05	0.003	81	1.52	24.0	+30	1.425
5.5	0.06	0.003	81	1.46	23.8	+30	1.424
3.2	0.03	0.002	82	1.68	24.2	+30	1.427
0.9	0.011	0.002	86	2.44	25.0	+30	1.435
0.3	0.006	0.002	87	2.91	25.4	+30	1.437
<0.1	<0.001	0.05	99	12.52	26.0	+30	1.450
6100	78	≤0.001	NA*	0.32	14.6	+30	1.354
4700	61	≤0.001	NA*	0.33	15.4	+30	1.357
4400	56	≤0.001	NA*	0.33	15.7	+30	1.358
2100	27	≤0.001	NA*	0.44	17.7	+30	1.377
1400	18	≤0.001	64	0.47	16.0	+30	1.380
470	6	≤0.001	59	0.64	21.1	+30	1.400
1200	15	≤0.001	61	0.55	16.7	+30	1.391
500	6	≤0.001	56	0.66	21.0	+30	1.403
220	3	0.001	59	0.78	22.0	+30	1.412
170	2	0.001	60	0.82	22.2	+30	1.414
38	0.4	0.002	65	1.01	23.6	+30	1.423
49	0.6	≤0.001	64	0.98	23.4	+30	1.422
19	0.2	≤0.001	67	1.25	24.5	+30	1.429
7.6	0.08	≤0.001	70	1.66	25.6	+30	1.437
1.6	0.018	≤0.001	72	2.18	26.5	+30	1.444
0.8	0.011	0.001	75	2.44	26.7	+30	1.446
0.6	0.009	0.001	75	2.53	26.0	+30	1.447
0.2	0.003	0.003	77	3.16	27.4	+30	1.451
<0.1	0.001	0.1	82	4.68	28.0	+30	1.456
<0.1	<0.001	0.6	88	6.55	28.3	+30	1.457
910	11	≤0.001	36	0.90	23.0	+30	1.417
47	0.5	19	52	0.95	23.8	+30	1.431
17	0.2	19	55	1.21	24.9	+30	1.438
4.9	0.05	21	58	1.55	25.9	+30	1.446
1.5	0.016	23	61	2.11	26.8	+30	1.454
<0.1	0.001	27	68	4.67	28.4	+30	1.470
18	0.2	>99	14^	1.00	29.1	+30	1.502
7.7	0.08	>99	15^	1.27	30.3	+30	1.514
9.2	0.10	>99	15^	1.18	29.7	+30	1.506
0.4	0.003	>99	13^	2.74	35.4	0.5^	1.590
0.1	0.001	>99	14^	3.85	35.6	<1.0^	1.588

Evaporation rate at 25°C	Water content	Solubility in water at 25°C	Acidity as acetic acid	Purity	Kinematic viscosity at 25°C	Surface tension at 25°C	Color Pt-Co	Refractive index at 20°C
n-BuAc = 100	wt%	wt%	wt%	wt%	mm ² /s	mN/m		
390	0.02	∞	0.001	>99.9	2.65	21.0	2	1.377
770	0.01	26	0.002	99.9	0.48	24.3	5	1.379
160	0.03	18	0.001	99.3	3.79	23.0	5	1.397





Technical question?

Connect directly with our technical experts at: FluidsAnswerPerson@exxonmobil.com



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