

MEASURE	DENSITY AT 15°C	COLOR SAYBOLT	BOILING RANGE		FLASH POINT	EVAPORATION RATE	AROMATIC CONTENT	ANILINE POINT	VAPOUR PRESSURE AT 20°C	VISCOSITY AT 20°C	POUR POINT
			°C [°F]	°C [°F]							
UNIT	kg/m³	-	°C [°F]	°C [°F]	°C [°F]	ETHER=1 / nBuAc=1*	ppm / %vol*	°C	kPa	mm²/s	°C
METHOD	EN ISO 12185	AFNOR M07-003 ASTM D 1209*	ASTM D 86 ASTM D 1078*	ASTM D 86 ASTM D 1078*	ASTM D 93 ISO 13736*	DIN 53170 ASTM D 3539*	Internal Method IP 391*	ASTM D 611	Calculated	ASTM D 445	ASTM D 97
PRODUCT	Typical value	Typical value	Typical value	Typical value	Typical value	Typical value	Typical value	Typical value	Typical value	Typical value	Typical value
<b>SPECIAL BOILING POINT SPIRITS</b>			Note: all SBP's contain less than 1 ppm benzene and sulphur								
SOLANE 60 - 95	676	+30	62 [144]	92 [198]	<-35 [<-31]*	2 / 0.2*	<20	70 [158]	14	0.5	
SOLANE 70-85N	757	+30	72 [162]	82 [180]	<-5 [<-23]*	2 / 0.3*	<300	37 [99]	13	1	
SOLANE 70 - 95	704	+30	71 [160]	89 [192]	-30 [-22]*	2 / 0.3*	<20	57 [135]	13	0.6	
SOLANE 80 - 110	695	+30	84 [183]	107 [225]	-22 [8]*	3 / 0.3*	<20	68 [154]	7	0.6	
SOLANE 100 - 120	730	+30	102 [216]	124 [255]	-7 [18]*	6 / 0.4*	<20	60 [140]	3	0.7	
SOLANE 100 - 140	731	+30	102 [216]	138 [280]	-7 [18]*	6 / 0.5*	<20	61 [142]	3	0.7	
SOLANE 100 - 155	738	+30	103 [217]	157 [315]	-4.5 [24]*	9 / 0.9*	<20	61 [142]	2	0.8	
SOLANE HEXANE	670	+30	65 [149]*	69 [156]*	<-35 [<-31]*	2	<20	71 [160]	18	0.47	
SOLANE HEXANE 45	670	+30	65 [149]*	69 [156]*	<-35 [<-31]*	2	<20	71 [160]	18	0.47	
SOLANE ISOHEXANE	662	+30	55 [131]*	61 [142]*	<-35 [<-31]*	1 / 0.2*	<20	75 [167]	26	0.45	
SOLANE HEPTANE	694	+30	90 [149]*	94 [201]*	<-31 [<-24]*	3 / 0.3*	<20	77 [171]	7	0.57	
<b>NAPHTENIC SBP'S</b>			Note: all Naphtenic SBP's contain less than 1 ppm benzene and sulphur								
SOLANE CYCLOPENTANE	748	6.5*	49 [119]	50 [121]	<-35 [<-31]*	1	<20	20 [68]	35	0.6	
SOLANE CYCLOHEXANE	782	5.8*	80.9 [177.6]	81 [177.8]	<-15 [<5]*	2 / 0.5*	<20	64 [147]	10	1.3	
SOLANE METHYL-CYCLOHEXANE	774	<5*	101 [213]	102 [215]	<13 [<9]*	3 / 0.5*	<20	39 [102]	5	0.95	
<b>WHITE SPIRITS</b>			Note: all white spirits contain less than 1 ppm benzene								
SPIRDANE HT	749	+25	158 [316]	191 [376]	47 [117]	31	18*	54 [129]	0.178	1.22	<-70 [<94]
SPIRDANE L1	751	+30	140 [282]	157 [315]	26 [799]*	13	<20	66 [151]	0.621	1	<-70 [<94]
SPIRDANE D25	771	+30	141 [286]	164 [327]	25 [77]*	13	<20	63 [145]	0.547	1.05	<-70 [<94]
SPIRDANE D30	778	+30	146 [295]	172 [342]	36 [97]	17	<20	67 [153]	0.376	1.43	<-70 [<94]
SPIRDANE D40	790	+30	154 [309]	193 [379]	43 [109]	29	<20	63 [145]	0.209	1.3	<-70 [<94]
SPIRDANE D60	810	+30	187 [369]	219 [426]	67 [153]	102	<20	67 [153]	0.04	1.91	<-70 [<94]
SPIRDANE D60L	799	+30	178 [352]	194 [381]	59 [138]	43	<20	72 [162]	0.09	1.55	<-70 [<94]
<b>DEAROMATISED ALIPHATIC FLUIDS</b>			Note: all dearomatised aliphatic fluids contain less than 1 ppm benzene and less than 2 ppm sulphur								
KETRUL D70	821	+30	197 [387]	241 [466]	72 [162]	550	30	68 [154]	0.017	2.5	<-50 [<122]
KETRUL D80	824	+30	200 [392]	238 [460]	75 [167]	800	30	68 [154]	0.019	2.4	<-50 [<122]
KETRUL D85	821	+30	213 [415]	240 [464]	85 [185]	1000	30	70 [158]	0.011	2.6	<-50 [<122]
KETRUL D100	816	+30	235 [455]	264 [507]	102 [216]	>1000	50	77 [171]	0.03	3.5	<-45 [113]
<b>DEAROMATISED ALIPHATIC FLUIDS</b>			Note: all dearomatised aliphatic fluids contain less than 1 ppm benzene and less than 2 ppm sulphur								
HYDROSEAL G232H	815	+30	238 [460]	261 [502]	105 [221]		30	80 [176]	0.002	3.6	-50 [-58]
HYDROSEAL G240H	812	+30	255 [491]	281 [538]	117 [243]		30	87 [189]	0.0008	4.7	-35 [-31]
HYDROSEAL G250H	812	+30	258 [496]	327 [621]	119 [246]		30	90 [194]	0.0003	6	-21 [-6]
HYDROSEAL G270H	811	+30	264 [507]	295 [563]	122 [252]		30	87 [189]	0.0004	4.9	-33 [-27]
HYDROSEAL G3H	810	+30	277 [531]	322 [612]	135 [275]		40	93 [199]	0.0001	6.8	-17 [1]
HYDROSEAL G400H	817	+30	305 [581]	349 [660]	158 [316]		135	101 [214]	<0.0001	11	0 [32]
<b>HYDROISOMERIZED ALIPHATIC FLUIDS</b>			Note: all hydroisomerized aliphatic fluids contain less than 1 ppm benzene and less than 2 ppm sulphur								
HYDROSEAL G290H	825	+30	290 [554]	375 [707]	148 [298]		250	101 [214]	<0.0001	14.4	-30 [-22]
HYDROSEAL G300H	822	+30	296 [565]	370 [698]	149 [300]		200	102 [216]	<0.0001	13.8	-18 [0]
HYDROSEAL G315H	820	+30	302 [576]	377 [651]	155 [311]		200	98 [208]	<0.0002	11	-48 [-54]
HYDROSEAL G340H	827	+30	331 [628]	374 [705]	180 [356]		270	107 [224]	<0.0001	21	-30 [-22]
<b>ISOPARAFFINS</b>			Note: all Isoparaffins do not contain benzene and contain less than 2 ppm sulphur								
ISANE IP 175	764	+30	187 [369]	209 [408]	67 [153]	200	<20	82 [180]	0.05	1.8	<-60 [-76]
ISANE IP 185	780	+30	203 [397]	243 [469]	79 [174]	250	<20	84 [183]	0.01	2.6	<-60 [-76]
<b>AROMATIC SOLVENTS</b>			ASTM D 850				% w [GC]			at 40 °C	
TOLUÈNE	872	+30	110 [230]	111 [232]	4 [39]	5 / 0.6*	99.6	9.6 [49.3]	3	0.57	
TOLUÈNE TDI	872	+30	111 [232]	112 [234]	4 [39]	5	99.9	9.4 [48.9]	3.1	0.57	
XYLÈNE	870	+30	138 [280]	141 [286]	26 [79]	10 / 1.4*	98		0.8	0.64	
ORTHO-XYLÈNE	884	+30	144 [291]	145 [293]	25 [77]	15	99		1	0.64	
SOLVAREX 9	876	+30	164 [324]	170 [338]	46 [114.8]	26	95	8.9 [48]	0.23	0.76	
SOLVAREX 9 A	877	+30	162 [324]	170 [338]	45 [113]	27	99	9.1 [48.4]	0.24	0.76	
SOLVAREX 10 A	894	+30	182 [360]	207 [405]	65 [149]	130	99	10.5 [50.9]	0.09	0.96	
SOLVAREX 10 LN	890	+30	185 [365]	200 [392]	65 [149]	150	98	10 [50]	0.05	0.95	

# SPECIAL FLUIDS

High purity solutions



**TOTAL**  
COMMITTED TO BETTER ENERGY