

Solving by Dissolving

 **gandhar**
Stay Ahead



Aromatic Hydrocarbon
Solvents

 **divyol**
solutions within solutions



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AROMATIC HYDROCARBON SOLVENTS



Superior solvency

Gandhar manufactures and markets the Disol range of de-aromatised solvents based on paraffinic hydrocarbons. These solvents are transparent and odourless, with very good solvency.

Divyol aromatic hydrocarbons have the most solvency power of all solvents, with a chemical structure based upon the aromatic 6-membered benzene ring. Commonly used aromatic hydrocarbons – Toluene and Xylene.



DIVYOL AROMATIC HYDROCARBON SOLVENTS

Divyol Aromatic Hydrocarbon Solvents offer the highest 'solvent power' among all solvents, with a chemical structure based upon the aromatic 6-membered benzene ring.

Toluene and xylene are the most commonly used aromatics in the manufacture of high performance surface coatings, rubbers, lacquers and as building blocks for pharmaceutical compounds.

High purity xylene is also used as a cleaning product in the production of electronic components.

Commonly used aromatic hydrocarbons:

Toluene

Xylene

Divyol Aromatic Hydrocarbon Solvents Specifications:

Sr. No.	Characteristics	Test Method	Divyol Arosol 100	Divyol Arosol 110	Divyol Arosol 150	Divyol Arosol 200	Divyol Arosol 250	Divyol Arosol 300	Divyol Arosol 350	Divyol Arosol 350	Divyol Arosol 350
	Grades								(HAR)	(HARI)	(HARB)
1	Specific gravity at 29.5 °C	ASTM D 1250	0.865	0.873	0.880	0.971	0.995	0.933	0.888	0.916	0.960
2	Flash point, COC, °C	ASTM D 92	45	48	64	92	130	50	65	68	85
3	Color	ASTM D 1500	W/W	W/W	W/W	L/Y	Yellow	Yellow	L/Y	Reddish	D Reddish
4	Aniline point, °C	ASTM D 611	11	11	12	14	17	21	12	12	16
5	Viscosity, cSt at 40 °C	ASTM D 445	0.95	–	1.06	2.70	–	–	1.20	1.52	2.62
6	Aromatics %	ASTM D 1319	99	99	99	99	99	99	99	99	99
7	Refractive index	ASTM D 1218	1.4990	1.5050	1.5120	1.5700	1.5820	1.5130	1.5130	1.5350	1.5660
8	Distillation range, °C	ASTM D 86									
9	IBP		160	165	185	218	277	165	186	190	210
10	05 ml		163	168	189	226	290	171	190	192	214
11	10 ml		164	171	190	233	304	174	192	194	216
12	20 ml		165	173	191	243	314	178	194	196	223
13	30 ml		165	175	192	249	319	180	195	199	230
14	40 ml		166	176	193	256	321	183	196	202	240
15	50 ml		166	178	194	265	323	185	197	207	249
16	60 ml		167	180	194	271	325	188	198	215	260
17	70 ml		167	182	195	280	327	192	199	226	277
18	80 ml		168	184	196	290	330	200	201	262	295
19	90 ml		169	189	198	300	333	212	204	304	318
20	95 ml		175	193	201	307	338	227	209	318	335
21	FBP		180	202	210	318	350	250	226	345	365

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DISOL 130 DE-AROMATISED HYDROCARBON SOLVENTS

Gandhar manufactures the Disol range of de-aromatised solvents based on paraffinic hydrocarbons. These solvents are transparent, odourless and offer excellent solvent power.

Disol solvents are used in the manufacture of coatings, varnishes, adhesives, aerosols, cleansing agents and detergents, as also for removing fats, cleaning metal articles and deep water explorations.

Typical specification of Disol 130 de-aromatised hydrocarbon solvents:

Sr. No.	Characteristics	Unit	Test Method	Specifications	
				Minimum	Maximum
1	Appearance at 15 °C	–	Visual	Bright and clear	
2	Colour	Saybolt	ASTM D 156	+30	
3	Density at 15.0 °C	g/ml	ASTM D 1298	0.802	0.830
4	Viscosity at 40.0 °C	mm ² /s	ASTM D 445	3.5	4.5
5	Flash point pmcc	°C	ASTM D 93	130	–
6	Pour point	°C	ASTM D 97	–	-15
7	Aniline point	°C	ASTM D 611	90	95
8	Aromatics content	ppm	UV		100
9	Distillation range				
	Initial point	°C	ASTM D 86	275	–
	Dry point			–	330

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DISOL K 150

DE-AROMATISED HYDROCARBON SOLVENTS

Gandhar manufactures the Disol range of de-aromatised solvents based on paraffinic hydrocarbons. These solvents are transparent, odourless and offer excellent solubility.

Disol solvents are used in the manufacture of coatings, varnishes, adhesives, aerosols, cleansing agents and detergents, so also for removing fats, cleaning metal articles and deep water explorations.

Typical specification of Disol K 150 de-aromatised hydrocarbon solvents:

Sr. No.	Characteristics	Unit	Test Method	Limits	
				Minimum	Maximum
1	Appearance	–	Visual	Bright and Clear	
2	Colour	–	ASTM D 1500	–	1.0
3	Specific gravity at 15.0 °C	gm/cc	ASTM D 1298	0.790	0.825
4	Viscosity at 40.0 °C	cSt	ASTM D 445	–	2.8
5	Flash point	°C	ASTM D 92	85	–
6	Aniline point	°C	ASTM D 611	75	–
7	Pour point	°C	ASTM D 97	–	-20
8	Distillation range	°C	ASTM D 86		
	IBP			200	–
	90.0%			–	320
	FBP			–	330

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DIVYOL DRILOL FLUID 158 DE-AROMATISED HYDROCARBON SOLVENTS

Gandhar manufactures the Disol range of de-aromatised solvents based on paraffinic hydrocarbons. These solvents are transparent, odourless and offer excellent solubility.

Disol solvents are used in the manufacture of coatings, varnishes, adhesives, aerosols, cleansing agents and detergents, as also for removing fats, cleaning metal articles and deep water explorations.

Typical specification of Divyol Drilol Fluid 158 de-aromatised hydrocarbon solvents:

Sr. No.	Characteristics	Unit	Test Method	Limits	
				Minimum	Maximum
1	Appearance	–	Visual	Bright and clear	
2	Colour	–	ASTM D 1500	–	2.0
3	Specific gravity at 15 °C	gm/cc	ASTM D 1298	0.790	0.825
4	Kin. viscosity at 40 °C	cSt	ASTM D 445	–	2.8
5	Flash point	°C	ASTM D 92	85	–
6	Aniline point	°C	ASTM D 611	75	–
7	Pour point	°C	ASTM D 97	–	-20
8	Sulphur content	ppm	ASTM D 3120	–	3 ppm
9	Aromatics content	% wt.	SMS-2728	–	0.1
10	Cloud point	°C	ASTM D 97	–	-10
11	Distillation range				
	IBP	°C	ASTM D 86	200	–
	90% Recovery			–	320
	FBP			–	330
12	Solubility in water			–	–
13	Auto ignition point	°C	ASTM E-659	212	–
14	Fire point	°C	ASTM D 92	112	–

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DISOL 110

DE-AROMATISED HYDROCARBON SOLVENTS

Gandhar manufactures the Disol range of de-aromatised solvents based on paraffinic hydrocarbons. These solvents are transparent, odourless and offer excellent 'solvent power'.

Disol solvents are used in the manufacture of coatings, varnishes, adhesives, aerosols, cleansing agents and detergents, as also for removing fats, cleaning metal articles and deep water explorations.

Typical specification of Disol 110 de-aromatised hydrocarbon solvents:

Sr. No.	Characteristics	Unit	Test Method	Specifications	
				Minimum	Maximum
1	Appearance	–	Visual	Transparent, bright and clear, colourless liquid	
2	Colour	–	ASTM D 156	+30	–
3	Density at 20.0 °C	g/ml	ASTM D 4052	0.760 – 0.800	
4	Specific gravity at 15.56 °C	g/ml	ASTM D 4052	0.765 – 0.805	
5	Flash point	°C	ASTM D 93	90	–
6	Sulphur content	mg/kg	ASTM D 5453	–	2.0
7	Aromatic content	%	SHT / 0409	–	0.1
8	Viscosity at 40.0 °C	mm ² /s	ASTM D 445	2.6	3.1
9	Distillation range				
	IBP	°C	ASTM D 86	240	–
	FBP			–	290

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DISOL 80

DE-AROMATISED HYDROCARBON SOLVENTS

Gandhar manufactures Disol range of dearomatized solvents based on paraffinic hydrocarbons. These solvents are transparent, odourless and offer excellent solubility.

Disol solvents are used in the manufacture of coatings, varnishes, adhesives, aerosols, cleansing agents and detergents, as also for removing fats, cleaning metal articles and deep water explorations.

Typical specification of Disol 80 dearomatised hydrocarbon solvents:

Sr. No.	Characteristics	Unit	Test Method	Specifications	
				Minimum	Maximum
1	Appearance	–	Visual	Bright and clear	
2	Colour	–	ASTM D 1500	–	1.0
3	Specific gravity at 15.0 °C	gm/cc	ASTM D 1298	0.780	0.820
4	Viscosity at 40.0 °C	cSt	ASTM D 445	1.5	2.0
5	Flash point	°C	ASTM D 92	70	–
6	Aniline point	°C	ASTM D 611	60	–
7	Pour point	°C	ASTM D 97	–	-20
8	Distillation range	°C	ASTM D 86		
	IBP			190	–
	FBP			–	250

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DE-AROMATISED HYDROCARBON SOLVENTS

Gandhar manufactures the Disol range of de-aromatised solvents based on paraffinic hydrocarbons. These solvents are transparent, odourless and offer excellent 'solvent power'.

Disol solvents are used in the manufacture of coatings, varnishes, adhesives, aerosols, cleansing agents and detergents, as also for removing fats, cleaning metal articles and in deep water explorations.

Typical specifications of Disol de-aromatised hydrocarbon solvents:

Sr. No.	Characteristics	Test Method	DISOL 80	DISOL 110
1	Specific gravity at 15.4 °C	ASTM D 1298	0.78 – 0.820	0.79 – 0.805
2	Colour	ASTM D 156	+30	+30
3	Bromine index	ASTM D 1492	10 max.	1.5
4	Sulphur ppm	ASTM D 5453	1 max.	<1
5	Aromatics	UOP 495-75	0.1 max.	0.05
6	Flash point	ASTM D 93	74 min..	90 min..
7	Aniline point	ASTM D 611	73	
8	Pour point	ASTM D 97	-45	-45
9	Viscosity at 40 °C	ASTM D 445	1.65	2.58
10	Distillation at °C	ASTM D 86		
	IBP		206	245
	5%		211	250
	10%		212	256
	50%		217	265
	90%		228	270
	95%		232	272
	DP		236	269

Other viscosities or special grades are available on request, subject to usual tolerances.

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Gandhar Oil Refinery (India) Limited

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, GMP Certified, NABL Accreditation and Government Recognized Three Start Export House

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