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CLIENT LIST FOR HIGH PRESSURE AUTOCLAVES / REACTORS

Sr.	CLIENT	EQUIPMENT	CAPACITY	M. O. C.	DESIGN PRESSURE [kg/cm² (g)]	YEAR
1	M/s. Galaxy Surfactants Ltd.	E.O. Reactor	2000 L	SA 240 Gr.304	15	1984
2	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	1500 L	SA 240 Gr.316	15	1985
3	M/s. S. M. Zimmer	E.O. Reactor	100 L	SA 240 Gr.316	20	1987
4	M/s. S. M. Zimmer	E.O. Reactor	2500 L	SA 240 Gr.316	10	1987
5	M/s. S. M. Zimmer	E.O. Reactor	3000 L	SA 240 Gr.316	10	1987
6	M/s. Unique Chemicals	E.O. Reactor	1500 L	SA 240 Gr.316	10	1987
7	M/s. Gharda Chemicals Ltd.	Reactor	12700 L	A 515 Gr.70 & SS 316	45	1988
8	M/s. Galaxy Surfactants Ltd.	E.O. Reactor	5000 L	SA 240 Gr.304	15	1988
9	M/s. Manish Surfactants Ltd.	E.O. Reactor	1500 L	SA 240 Gr.304	12	1988
10	M/s. Manish Surfactants Ltd.	E.O. Reactor	3000 L	SA 240 Gr.304	12	1988
11	M/s. Arihant Industries	Autoclave	8000 L (2 Nos.)	A 515 Gr.70	40	1989
12	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	4000 L	SA 240 Gr.316	15	1989
13	M/s. Ocean Agrochemicals	E.O. Reactor	2500 L	SA 240 Gr.316	10	1989
14	M/s. Ocean Agrochemicals	E.O. Reactor	4000 L	SA 240 Gr.316	10	1989
15	M/s. Ocean Agrochemicals	E.O. Reactor	5000 L	SA 240 Gr.316	10	1989
16	M/s. Unique Chemicals	E.O. Reactor	2500 L	SA 240 Gr.316	10	1990
17	M/s. Aarti Industries Ltd.	Autoclave	12000 L (2 Nos.)	A 515 Gr.70	45	1991
18	M/s. Galaxy Lab. Pvt. Ltd.	Gas Ind. Reactor	1000 L	SA 240 Gr.316	35	1991
19	M/s. Gwalior Oil Mills (Taloja)	Autoclave	3000 L	SA 240 Gr.316	35	1992
20	M/s. M.P. Dye Chem Inds. P. Ltd	Autoclave	5000 L	SA 240 Gr.316	35	1992
21	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	5000 L	SA 240 Gr.316	15	1993
22	M/s. The A.C.C. Ltd.	Reactor	1000 L	SA 240 Gr.316 L	40	1995
23	M/s. Fine Surfactants Pvt. Ltd.	Autoclave	100 L	SA 240 Gr.316	40	1995
24	M/s. Gharda Chemicals Ltd	Poly. Reactor	19000 L	SA 240 Gr.316	20	1996
25	M/s. Aarti Industries Ltd	Autoclave	12000 L (2Nos.)	A 515 Gr.70	45	1997
26	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	5000 L	SA 240 Gr.316	15	1998
27	M/s. Aarti Industries Ltd.	Gas Ind. Reactor	12000 L	SA 515 Gr.70	45	1998
28	M/s. Aarti Industries Ltd.	Gas Ind. Reactor	12000 L	SA 515 Gr.70	45	1998
29	M/s. Vibha Chem Products P. Ltd.	E.O. Reactor	100 L	SA 240 Gr.316	15	1999
30	M/s. Vibha Chem Products P. Ltd.	E.O. Reactor	2000 L	SA 240 Gr.316	10	1999
31	M/s. Aarti Industries Ltd.	Gas Ind. Reactor	3000 L	SA 240 Gr.316 L	38	1999
32	M/s. Catapharma Chem P. Ltd.	Gas Ind. Reactor	2400 L	SA 240 Gr.316	25	1999
33	M/s. Standard Grease	Reactor	2500 L	515 Gr.60	12	1999
34	M/s. Aarti Industries Ltd.	Autoclave	12000 L	A 515 Gr.70	45	2000
35	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	4500 L	SA 240 Gr.316	15	2000
36	M/s. Vibha Chem Products P. Ltd.	E.O. Reactor	3000 L	SA 240 Gr.316	10	2000
37	M/s. Aarti Industries Ltd.	Autoclave	12000 L	(1No.)	45	2000



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38	M/s. Standard Greases	Reactor	3000 L (2 Nos.)	A 515 Gr.70	12	2001
39	M/s. Galaxy Lab. Pvt. Ltd.	Gas Ind. Reactor	200 L	SA 240 Gr.316	25	2002
40	M/s. Siddharth Petro Products	Reactor	3000 L	515 Gr.60	12	2003
41	M/s. Catapharma Chemicals P. Ltd.	Gas Ind. Reactor	5000 L	SA 240 Gr.316	38	2003
42	M/s. Aarti Industries Ltd.	Autoclave	12000 L	A 515 Gr.70	45	2003
43	M/s. Deepak Nitrite Ltd.	Reactor	5000 L	515 Gr.70	40	2003
44	M/s. Aarti Industries Ltd.	Autoclave	12000 L	A 515 Gr.70	45	2004
45	M/s. Abhilasha Tex Chem P. Ltd	Autoclave	8000 L	A 515 Gr.70	45	2004
46	M/s. H. K. Finechem Ltd.	Autoclave	5000 L	SS 316	10	2005
47	M/s. Ashish Sulphur Dyes P. Ltd.	Autoclave	8000 L	A 515 Gr.70	45	2005
48	M/s. Ganesh Polychem Ltd.	Autoclave	4000 L	SS 316	55	2005
49	M/s. Ganesh Polychem Ltd.	Autoclave	8000 L	A 515 Gr.70	55	2006
50	M/s. Oleofine Organics (I) Pvt. Ltd.	Reactor		SS 316	20	2006
51	M/s. Micro Inks Ltd.	Reactor	25 KL	SS 316	20	2006
52	M/s. Micro Inks Ltd.	Reactor	20 KL	SS 316	20	2006
53	M/s. Globe Industries	E.O. Reactor		SS 316	10	2006
54	M/s. Fine Organic Inds (M) P. Ltd.	Autoclave	8000L(2Nos.)	SS 316	20	2007
55	M/s. Colourtex Industries Pvt. Ltd.	Autoclave	15 KL	CS	30	2007
56	M/s. Alta Laboratories Ltd.	Autoclave	5000L	A515 Gr 70	20	2008
57	M/s. Sunshield Chemicals Ltd.	E.O. Reactor	10KL	SS 316	10	2008
58	M/s. Gulbrandsen Chemicals P. Ltd	Autoclave	12000 L	A 515 Gr.70	70	2008
59	M/s. Aarti Industries Ltd.	Autoclave	12000 L (2Nos.)	A 515 Gr.70	60	2009
60	M/s. Abhilasha Tex Chem P. Ltd.	Autoclave	10000 L	A 515 Gr.70	50	2009
61	M/s. Gulbrandsen Chem. P. Ltd.	Autoclave	12000 L	A 515 Gr.70	75	2009
62	M/s. Aarti Industries Ltd.	Autoclave	12000 L	A515 Gr.70	50	2010
63	M/s. Aarti Industries Ltd.	Autoclave	6000 L	515 Gr. 70/SS316 L	60	2010
64	M/s. Micro Inks Ltd.	Reactor	20 KL	SS 316	20	2011
65	M/s. Aarti Industries Ltd.	Autoclave	12000 L x 2	515 Gr. 70/SS 316 L	45	2011
66	M/s. Abhilasha Texchem	Autoclave	8000 L x 2	515 Gr. 70	50	2012
67	M/s. Aarti Industries Ltd.	Autoclave	12000 L x 2	515 Gr. 70	50	2012
68	M/s. Aarti Industries Ltd.	Autoclave (Clad)	12000 L	515 Gr. 70/SS 317 L	60	2012
69	M/s. Gulbrandsen Chemicals P. Ltd	Autoclave	20000 L	515 Gr. 70	75	2012
70	M/s. Amarjyot Chemicals	Autoclave	12000 x 2	515 Gr. 70	50	2012
71	M/s. Aarti Industries Ltd.	Autoclave (Clad)	12000 L	515 Gr.70/SS 316 L	75	2012
72	M/s. Gujarat Organics Ltd.	Gas Liquid Reactor	15 KL	SS 316	20	2012
73	M/s. Aarti Industries Ltd.	Autoclave (Clad)	12 KL	516 Gr. 70/SS 316L	45	2013
74	M/s. Amarjyot Chemicals P. Ltd.	Autoclave	12 KL	516 Gr. 70	45	2014



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75	M/s. Colourtex Ind. Pvt. Ltd.	Autoclave	12.5 KL x 12 nos	516 Gr. 70	40	2015
76	M/s. Anushakti Specialties LLP	Autoclave (Clad)	21 KL	516 Gr. 70/SS 317L	90	2016
77	M/s. Aarti Industries Ltd.	Autoclave	12 KL x 2nos	516 Gr. 70	45	2017
78	M/s. Amarjyot Chemicals Pvt. Ltd.	Autoclave	12 KL x 4 nos	516 Gr. 70	45	2018
79	M/s. Amarjyot Chemicals Pvt. Ltd.	Autoclave	12 KL x 4 nos	516 Gr. 70	45	2018
80	M/s. Aarti Industries Ltd.	Autoclave	12 KL x 4 nos.	516 Gr. 70/SS 316L	45	2018
81	M/s. Valiant Organics Ltd., Vapi	Autoclave	12 KL x 2nos.	516 Gr. 70	45	2019
82	M/s. Valiant Organics Ltd., Vapi	Autoclave	12 KL x 2nos	516 Gr. 70	45	2019
83	M/s. Valiant Organics Ltd., Boisar	Autoclave	10 KL x 1 no.	516 Gr. 70	45	2019
84	M/s. Valiant Organics Ltd., Boisar	Autoclave	10 KL x 1 no.	516 Gr. 70	45	2019
85	M/s. Gulbrandsen Chemicals	Autoclave	6 KL (G.V.) x 1 no.	517 Gr. 70	105	2019
86	M/s. Hemani Chemie-Organics, Sarigam	Autoclave	12 KL x 4 nos.	516 Gr. 70	45	2020
87	M/s. Crystal Surfactants	Autoclave	(1.8 KL-W.V./3 KL-G.V.) x 2 Nos.	SA 516 Gr. 70	50	2020
88	M/s. Aarti Industries Ltd.(Amine Div.)	Autoclave	(12 KL-W.V. / G.V.-14 KL)	SA 516 Gr. 70	45	2020
89	M/s. Shail Chem Distillate Pvt. Ltd.	Hydolysis Autoclave	11 KL-W.V. / 16.9 KL-G.V.	SA 516 Gr. 70	50	2020
90	M/s. Shail Chem Distillate Pvt. Ltd.	Ammonolysis (Clad) Autoclave	5 KL-W.V. / 8.9 KL-G.V.	SA 516 Gr. 70 + SA 240 Gr. 316L	42.711	2020
91	M/s. Cystal Surfactant & Chemicals	Autoclave	3.5 KL - G.V.	SA 240 Gr. 316/Dual Certified SS 316L	40	2021
92	M/s. Gulbrandsen Speciality Chemicals LLP	Autoclave	20 KL - G.V. / 14 to 16 KL - W.V.	SA 516 Gr. 70 Normalized	F.V. to 75	2022
93	M/s. Valiant Organics Limited [Tarapur: Unit-1]	Autoclave (2 Nos.)	12 KL - W.V. / 14.22 KL - G.V.	SA 515 / 516 Gr. 70	45	2022
94	M/s. Ganesh Polychem Ltd.	Clad Autoclave	10 KL - W.V. / 14.64 KL - G.V.	SA 264 (SA 516 Gr.70 + SA 240 Gr. 316L)	60	2022
95	M/s. Cystal Surfactant & Chemicals	Autoclave	5 KL - G.V.	SA 240 Gr. 316/Dual Certified SS 316L	40	2022
96	M/s. Hemani Chemicals Pvt. Ltd.	Autoclave (2 Nos.)	12 KL - W.V. / 14.186 KL - G.V.	SA 516 Gr. 70	45	2022
97	M/s. Valiant Organics Limited [Tarapur: Unit-1]	Autoclave (2 Nos.)	12 KL - W.V. / 14.22 KL - G.V.	SA 515 / 516 Gr. 70	45	2023
98	M/s. Colourtex Industries Pvt. Ltd.	Autoclave (3 Nos.)	15 KL - W.V. / 19.3 KL - G.V.	SA 516 Gr. 70	FV TO 30	2023
99	M/s. Aarti Industries Ltd.(Amine Div.)	Clad Autoclave	10 KL-W.V. / 14.28 KL-G.V.	SA 516 Gr. 70 + SA 240 Gr. 316L	45	2024
100	M/s. Valiant Organics Limited [Tarapur: Unit-1]	Autoclave (2 Nos.)	12 KL - W.V. / 14.22 KL - G.V.	SA 515 / 516 Gr. 70	45	2024
101	M/s. Benzo chem Industries Pvt. Ltd.	Autoclave	5 KL - W.V. / 6.93 KL - G.V.	SA 516 Gr. 70	32	2024
102	M/s. Galaxy Laboratories Pvt. Ltd.	Autoclave	2 kL W. V. / 3 kL G. V.	SA 516 Gr. 70	FV to 44	2024
103	M/s Clean Science & Technology Limited	Autoclave	5.5 KL W. V., / 6.87 KL G. V.	Dual Certification SS 316/316L	FV to 45	2025
104	M/s. Ganesh Polychem Ltd.	Clad Autoclave (3 Nos.)	12 KL - W.V. / 17.71 KL - G.V.	SA 516 Gr.70 + SA 240 Gr. 316L	60	2025



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		LITRE	kg/cm ² (g)	TEMP. °C					
1	M/s. Emmellen Biotech Pharma Ltd. Mahad	500	10	100	SS 316	1	Internal	1997	Hydrogenation
2	M/s. Jayant Oil Mill , Bhandup (Mumbai)	2200	30	200	SS 316	1	Third Party	1998	Hydrogenation
3	M/s. Aarti Industries Ltd. Vapi Gujarat	12000	44	200	SA 516 Gr.70	2	Third Party	1998	Amonolysis
4	M/s. Emmellen Biotech Pharma Ltd. Mahad	250	10	100	SS 316	1	Internal	1998	Hydrogenation
5	M/s. Catapharma Chem. Pvt. Ltd. Nashik	3000	32.7 / F.V.	150	SS 304	1	Third Party	1999	Hydrogenation
6	M/s. Galaxy Laboratories Pvt. Ltd Aurangabad	1000	35.15	200	SS 316	1	Internal	1999	Hydrogenation
7	M/s. Emmellen Biotech Pharma Ltd. Mahad	250	10	100	SS 316	1	Internal	1999	Hydrogenation
8	M/s. Aarti Industries Ltd. Vapi Gujarat	3000	37	200	SS 316L	1	Third Party	2000	Hydrogenation
9	M/s. Alta Laboratories Ltd.	100	50	200	SS 316	1	Internal	2000	Carboxylation
10	M/s. Erie Chem Pvt Ltd.	100	20	150	SS 316	1	Internal	2000	Hydrogenation
11	M/s. Aarti Industries Ltd. Jhagadia Gujarat	1000	37	150	SS 316L	1	Third Party	2000	Hydrogenation
12	M/s. Erie Chem Pvt Ltd.	5000	15	150	SS 316	1	Third Party	2000	Hydrogenation
13	M/s. Aarti Industries Ltd. Jhagadia Gujarat	50	25	200	SS 316	1	Internal	2001	Hydrogenation (Pilot Plant)
14	M/s. Tagros Chemicals (I) Ltd. Chennai	2000	10	150	SS 316	1	Dalal Mott McDonald	2002	Hydrogenation
15	M/s. Galaxy Laboratories Pvt. Ltd Aurangabad	2000	25	150	SS 316	1	Internal	2002	Hydrogenation
16	M/s. Metropolitan Eximchem Ltd.	200	70	200	SS 316	1	Internal	2002	Hydrogenation



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		LITRE	kg/cm ² (g)	TEMP. °C					
17	M/s. Catapharma Chem. Pvt. Ltd. Nashik	5000	28	200	SS 316L	1	Third Party	2002	Hydrogenation
18	M/s. Aryan Pesticides Ltd. Roha (Div. Of Deepak Nitrite Ltd.)	3500	12	200	SS 316	2	Internal	2002	Hydrogenation
19	M/s. Hindustan Monomers Ltd.	300	35	200	SS 316	1	Third Party	2003	Hydrogenation (Pilot Plant)
20	M/s. Catapro Technologies	100	80	200	SS 316	1	Third Party	2004	Hydrogenation (Pilot Plant)
21	M/s. Catapharma Chem. Pvt. Ltd.	5000	30	200	SS 316	1	Third Party	2004	Hydrogenation
22	M/s. MDB Chemicals Pvt Ltd.	5000	30	200	SS 316	1	Third Party	2004	Hydrogenation
23	M/s. Aryan Pesticides Ltd.	3000	20	150	SS 316	1	Internal / Client	2004	Hydrogenation
24	M/s. Ganesh Polychem Ltd.	3000	50	150	SS 316	1	Third Party	2004	Hydrogenation / Amination
25	M/s. Aarti Industries Ltd.	10000	15	150	SS 316	1	Third Party	2004	Hydrogenation
26	M/s. Aarti Healthcare Ltd. Dombivli	2200	15	200	SS 316	2	Third Party	2004	Hydrogenation
27	M/s. Aarti Healthcare Ltd. Dombivli	1100	15	200	SS 316	2	Third Party	2004	Hydrogenation
28	M/s. Ven Petrochem Ankleshwar	600	25	150	SS 316	1	Internal	2004	Hydrogenation
29	M/s. Modepro India Pvt. Ltd. (Navi Mumbai)	2000	20	150	SS 316	1	Internal	2004	Hydrogenation
30	M/s. Bharat Chemicals Ltd. Tarapur	6000	22	150	SS 316	1	Third Party	2005	Hydrogenation
31	M/s. Aarti Industries Ltd. Vapi Gujarat	7500	20	150	SS 316	1	Third Party	2006	Hydrogenation
32	M/s. Dheeraj Intermediates Ltd. Vapi	10000	20	150	SS 316	1	Third Party	2006	Hydrogenation



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33	M/s. Ganesh Polychem Ltd.	8000	50	250	SA 515 Gr.70	1	Third Party	2006	Hydrogenation
34	M/s. Aarti Industries Ltd. Tarapur	6000	20	150	SS 316	1	Third Party	2006	Hydrogenation
35	M/s. Suven Life Sciences Pvt. Ltd. Hyderabad	5000	35	200	SS 316	1	Internal	2006	Hydrogenation
36	M/s. Suven Life Sciences Pvt. Ltd. Hyderabad	1000	35	200	SS 316	1	Internal	2006	Hydrogenation
37	M/s. Suven Life Sciences Pvt. Ltd.	3000	35	200	SS 316	1	Internal	2006	Hydrogenation
38	M/s. United Phosphorus Ltd. Jhagadia	7000	25	150	SS 316	1	Internal	2006	Hydrogenation
39	M/s. Indo Amines	2500	10	100	SS 316	1	Internal	2007	Hydrogenation
40	M/s. Karnataka Malladi Biotech Ltd. Mahad	1000	15	150	SS 316	2	Internal	2008	Hydrogenation
41	M/s. Indo Amines	2000	15	150	SS 316	1	Internal	2008	Hydrogenation
42	M/s. Alta Laboratories Ltd.	4500	18	250	SA 515 Gr.70	1	Internal	2008	Carbonation
43	M/s. Chemieorganic Chemicals (I) Pvt. Ltd.	4000	15	150	SS 316	1	Internal	2009	Hydrogenation
44	M/s. Galaxy Laboratories Pvt. Ltd.	3000	35	150	SS 316	1	Internal	2009	Hydrogenation
45	M/s. Vichow Labs	1200	35	150	SS 316	1	Internal	2009	Hydrogenation
46	M/s. Richter Themis Medicare Pvt Ltd.	2500	15	150	SS 316	1	Internal	2009	Hydrogenation
47	M/s. Deepak Nitrite Ltd.	5400	21	150	SS 316	1	Third Party	2009	Hydrogenation
48	M/s. Alphs Chemicals.	30	10	100	SS 316	1	Internal	2010	Pilot Plant



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49	M/s. Emmellen Biotech Pharma Ltd. (Embio)	1000	10	100	SS 316	1	Internal	2011	Hydrogenation
50	M/s. Kusa Chemicals Pvt. Ltd.	5000	10	100	SS 316	1	Internal	2011	Hydrogenation / Ethoxylation
51	M/s. Chemie Organic Industries.	10000	24	200	SS 316L	1	Internal	2012	Hydrogenation
52	M/s. Gujarat Organics Ltd.	10000	15	250	SS 316	1	Internal	2012	Carboxylation
53	M/s. Aarti Industries Ltd.	7500	25	200	SS 316	1	Third Party	2012	Hydrogenation
54	M/s. Cosmo Chemicals Pvt. Ltd.	6000	20	250	SS 316	1	Internal	2012	Hydrogenation
55	M/s. Ecologic Chemicals	6000	22	200	SS 316	1	Third Party	2012	Hydrogenation
56	M/s. Avra Laboratories Ltd.	2500	12	150	SS 316	1	Internal	2012	Hydrogenation
57	M/s. Somu Organochem Ltd.	3600	32	250	SS 316	1	Internal	2012	Hydrogenation
58	M/s. Kalpasutra Chemicals Pvt. Ltd.	5000	35	260	SS 316	1	Internal	2013	Hydrogenation
59	M/s. Aarti Industries Ltd.	9000	22	150	SS 316	1	Third Party	2015	Hydrogenation
60	M/s. Deepak Nitrite Ltd.	4000	25	150	SS 316	2	Third Party	2015	Hydrogenation
61	M/s. Deepak Nitrite Ltd.	6000	25	150	SS 316	2	Third Party	2015	Hydrogenation
62	M/s. Glochem Lab	1000	10	150	SS 316	1	Client	2015	Hydrogenation
63	M/s. Aarti Industries Ltd. (Clad Steel)	12000	75	200	SA 515 Gr. 70 + SS	1	Third Party	2015	Hydrogenation
64	M/s. Aarti Industries Ltd.	21000	90	300	SA 515 Gr.70 + SS 316L	1	Third Party	2015	Ethylation



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65	M/s. Hikal Ltd.	4000	25	150	SS 316	1	Third Party	2015	Hydrogenation
66	M/s. Kalpasutra Chemicals Pvt. Ltd.	15200	35	250	SS 316	1	Third Party	2016	Hydrogenation
67	M/s. United Phosphorus Ltd.	15000	25	150	SS 316	1	Third Party	2016	Hydrogenation
68	M/s. Hikal Ltd.	4000	25	150	SS 316	1	Third Party	2016	Hydrogenation
69	M/s. IOL Chemicals & Pharma.	3000	15	150	SS 316	1	Client	2016	Hydrogenation
70	M/s. Galaxy Laboratories Pvt. Ltd.	4000	35	150	SS 316	3	Client	2017	Hydrogenation
71	M/s. Chemie Organic Chemical	5000	37	150	SS 316	1	Client	2017	Hydrogenation
72	M/s. Aarti Industries Ltd. (Apple Div.)	250	80	300	SS 316	1	Third Party	2018	Multiple Service Pilot Reactor
73	M/s. Chemieorganic Chemicals (I) Pvt. Ltd.	4500	20	200	SS 316	1	Client	2017	Hydrogenation
74	M/s. Jayant Agro-Organics Ltd.	3500	45	300	SS 316	1	Third Party	2018	Hydrogenation
75	M/s. Aarti Industries Ltd. (Alchemie)	3500	20	200	SS 317	1	Third Party	2018	Hydrogenation
76	M/s. Galaxy Laboratories Pvt. Ltd.	8000	35	200	SS 316	1	Client	2018	Hydrogenation
77	M/s. Privi Organics (I) Ltd.	12000	22	200	SS 316	1	Client	2018	Hydrogenation
78	M/s. Privi Organics (I) Ltd.	8000	22	200	SS 316	2	Client	2019	Hydrogenation
79	M/s.R. N. Laboratories	4500	20	150	SS 316	1	Client	2019	Hydrogenation
80	M/s. Chemieorganic Chemicals (I) Pvt. Ltd.	4500	20	150	SS 316	1	Client	2019	Hydrogenation



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81	M/s.Galaxy Laboratories Pvt. Ltd.	4000	35	150	SS 316	1	Client	2019	Hydrogenation
82	M/s.Deepak Nitrite Ltd.	8000	25	200	SS 316	2	Client	2019	Hydrogenation
83	M/s.Alkyl Amine Chemicals Pvt. Ltd.	4625	5	200	SS 316	2	Client	2019	Hydrogenation
84	M/s.Merck Performance Chemicals Pvt. Ltd.	1000	10	200	SS 316	1	Client	2019	-
85	M/s.Omkar Laboratories Pvt. Ltd.	250 L-W.V./420 L-G.V.	35	200	SS 316	1	Client	2019	Hydrogenation
86	M/s. Alkyl Amines Chemicals Ltd.	7175 Litre	F.V. / 10	300	SS 316L	1	Client	2020	Hydrogenation
87	M/s. Alkyl Amines Chemicals Ltd.	7175 Litre	F.V. / 30	300	SS 316L	1	Client	2020	Hydrogenation
88	M/s. Anupam Rasayan (I) Ltd.	8.1 KL-W.V./13.4 KL-G.V.	F.V. / 32.5	175	SS 316	2	Client	2020	Hydrogenation
89	M/s. Ketul Chem Pvt. Ltd.	6.2 KL-W.V./10.3 KL-G.V.	F.V. / 15	200	SS 316 / Dual Cert. SS	1	Client	2020	Hydrogenation
90	M/s. Privi Organics (I) Ltd.	8 KL-W.V./13.66 KL-G.V.	45	230	SS 316	1	Client	2020	Hydrogenation
91	M/s. Ketul Chem Pvt. Ltd.	3 KL-W.V./4.6 KL-G.V.	F.V. / 15	200	SS 316 / Dual Cert. SS	1	Client	2020	Hydrogenation
92	M/s. Chemieorganic Chemicals(I) Pvt. Ltd.	4.5 KL-W.V./7.2 KL-G.V.	20	150	SS 316 / Dual Cert. SS	1	Client	2020	Hydrogenation
93	M/s. Alkyl Amines Chemicals Ltd.	4.56 KL-G.V.	45	300	SS 316 / Dual Cert. SS	1	Client	2020	Hydrogenation
94	M/s. Omkar Lab (Vasai)	1 KL-W.V. / 1.76 KL-G.V.	25	200	SS 316	1	Client	2021	Hydrogenation
95	M/s. Omkar Lab (Vasai)	3 KL-W.V. / 5 KL-G.V.	25	200	SS 316	1	Client	2021	Hydrogenation
96	M/s. Chemieorganic Chemicals (I) Pvt. Ltd.	10 KL-W.V. / 14.5 KL-G.V.	24	150	SS 316	1	Client	2021	Hydrogenation



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CLIENT LIST FOR HYDROGENATORS

Sr.	CLIENT	CAPACITY	DESIGN PRESSURE	DESIGN	M. O. C.	QUANTITY	INSPECTION	YEAR	SERVICE
		LITRE	kg/cm ² (g)	TEMP. °C					
97	M/s. Embio Ltd.	1 KL-W.V. / 1.57 KL-G.V.	15	150	SS 316	1	Client	2021	Hydrogenation
98	M/s. United Phosphorous Limited [Jhagadia]	15 KL-W.V. / 22.3 KL-G.V.	30	200	SS 316 / Dual Cert. SS	1	Client	2022	Hydrogenation
99	M/s. Deepak Novochem Technologies Limited [Lote-Parshuram]	1.5 to 2 KL - W.V. / 3.42 KL - G.V.	Full Vacuum to 25	-20 to 375	SS 316 / Dual Cert. SS	2	Client	2022	Hydrogenation
100	M/s. Alkyl Amines Chemicals Ltd.	4.5 KL-W.V. / 7.18 KL-G.V.	Full Vacuum to 30	300	SS 316 / Dual Cert. SS	1	Client	2022	Hydrogenation
101	M/s. King Chemical Industries Pvt. Ltd. [Ankleshwar]	5.6 KL-W.V. / 9.71 KL-G.V.	25	200	SS 316	1	Client	2022	Hydrogenation
102	M/s. Galaxy Laboratories Pvt. Ltd. [Aurangabad]	8 KL-W.V. / 12.64 KL-G.V.	35	200	SS 316	1	Client	2022	Hydrogenation
103	M/s. Clean Science & Technology Limited [Pune]	3.25 KL-W.V. / 5.29 KL-G.V.	20	200	SS 316 / Dual Cert. SS	2	Client	2022	Hydrogenation
104	M/s. Godavari Biorefineries Limited [Shirdi]	7.5 KL-W.V. / 12.64 KL-G.V.	35	200	SS 316	1	Client	2022	Hydrogenation
105	M/s. Kalpasutra Chemicals Pvt. Ltd.	2 KL - W.V. / 3.2 KL - G.V.	Full Vacuum to 35	250	SS 316	1	Client	2022	Hydrogenation
106	M/s. Godavari Biorefineries Limited [Sakarwadi Unit]	7.5 KL-W.V. / 12.64 KL-G.V.	35	200	SS 316	1	TPI	2023	Hydrogenation
107	M/s. Deepak Novochem Technologies Limited [Pune]	200 Litre - W.V. / 314 Litre - G.V.	Full Vacuum to 50	-25 to 250	SS 316 / Dual Cert. SS	1	Client	2023	Hydrogenation
108	M/s. Alkyl Amines Chemicals Ltd.	12.13 KL - W.V. / 20 KL - G.V.	Full Vacuum to 30	300	SS 316 / Dual Cert. SS	2	Client	2023	Hydrogenation
109	M/s. Deepak Novochem Technologies Limited [Pune]	1.5 to 2 KL - W.V. / 3.64 KL - G.V.	Full Vacuum to 25	-20 to 250	SA 516 Gr. 70	1	Client	2023	Hydrogenation
110	M/s. Gujarat Themis Biosyn Limited (Vapi)	1 KL - W.V. / 1.58 KL - G.V. (c-GMP Model)	20	220	SS 316	1	Client	2023	Hydrogenation
111	M/s. VIVA-API Labs Pvt. Ltd. (Ludhiana)	11.5 KL - W.V. / 18.21 KL - G.V.	12	150	SS 316	1	Client	2023	Hydrogenation
112	M/s. Clean Fino Chem Limited (Kurkumbh)	8.16 KL W. V.	19	175	SS 316	2	TPI	2023	Hydrogenation



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CLIENT LIST FOR HYDROGENATORS

Sr.	CLIENT	CAPACITY	DESIGN PRESSURE	DESIGN	M. O. C.	QUANTITY	INSPECTION	YEAR	SERVICE
		LITRE	kg/cm ² (g)	TEMP. °C					
113	M/s. Clean Fino Chem Limited (Kurkumbh)	8.28 KL W. V.	19	175	SS 316	1	TPI	2023	Hydrogenation
114	M/s. Crystal Colourchem Pvt. Ltd. (Saykha)	10 KL W. V.	15	200	SS 316	1	TPI	2023	Hydrogenation
115	M/s. Crystal Colourchem Pvt. Ltd. (Saykha)	14.5 KL W. V.	15	200	SS 316	1	TPI	2024	Hydrogenation
116	M/s. BVC Specialities Pvt. Ltd. (Dahej)	4.65 KL W. V.	30	200	SS 316	2	TPI	2023	Hydrogenation
117	M/s. Kalpsutra Chemicals Pvt. Ltd.	15 KL W. V.	20	200	SS 316	1	Client	2023	Hydrogenation
118	M/s. Omkar Lab (Vasai)	1 KL W. V.	25	200	SS 316	1	Client	2023	Hydrogenation
119	M/s. Kalpsutra Chemicals Pvt. Ltd.	10 KL W. V.	20	200	SS 316	2	Client	2024	Hydrogenation
120	M/s. Kalpsutra Chemicals Pvt. Ltd.	15 KL W. V.	20	200	SS 316	1	Client	2024	Hydrogenation
121	M/s. Deepak Chemtech Ltd.	8 KL W. V.	FV/25	200	SS 316	2	TPI	2024	Hydrogenation
122	M/s. Kalpsutra Chemicals Pvt. Ltd.	15.2 KL W.V.	FV/40	240	SS 316	1	Client	2024	Hydrogenation
123	M/s. Anupam Rasayan (India) Ltd.	8.1 KL W. V.	FV/32	175	SS 316	3	TPI	2025	Hydrogenation
124	M/s. Bayer Vapi Pvt. Ltd.	4.5 KL W.V.	FV/25	200	SS 316	1	Client	2024	Hydrogenation
125	M/s. Omkar Lab (Vasai)	5 KL W.V.	FV/25	200	SS 316	1	Client	2024	Hydrogenation
126	M/s. Alkyl Amines Chemicals Ltd.	4.5 KL W.V.	FV/30	300	SS 316L	1	TPI	2024	Hydrogenation
127	M/s. Alkyl Amines Chemicals Ltd.	4.5 KL W. V.	FV/10	300	SS 316L	1	TPI	2024	Synthesis
128	M/s. Godavari Biorefineries Limited [Shirdi]	7.5 kl-W. V. / 12.64 KL-G. V.	35	200	SS 316	1	Client	2024	Hydrogenation



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CLIENT LIST FOR HYDROGENATORS

Sr.	CLIENT	CAPACITY	DESIGN PRESSURE	DESIGN	M. O. C.	QUANTITY	INSPECTION	YEAR	SERVICE
		LITRE	kg/cm ² (g)	TEMP. °C					
129	M/s. Indo Amines Limited [Dhule]	15 KL W. V.	FV to 22	300	SA 516 Gr. 70	1	TPI	2025	Hydrogenation
130	M/s. Aarti Drugs Limited [Tarapur]	2.96 KI W. V. / 4.44 KL G. V.	FV to 18	200	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation
131	M/s. Val Organics Pvt. Ltd.	4 KL W. V.	FV to 40	250	SS 316 / Dual Cert. SS	1	TPI	2025	Hydrogenation
132	M/s. Chemiesynth (Vapi) Limited	8 KL W. V. / 12.04 KL G. V.	FV to 18	200	Dual Cert. SS316/316L	1	TPI	2025	Hydrogenation
133	M/s. Omkar Lab (Vasai)	1.5 KL W. V. / 2.55 KL G. V.	FV to 35	200	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation
134	M/s. Omkar Lab (Vasai)	3.3 KL W. V. / 5.3 KL G. V.	FV to 35	200	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation
135	M/s. Crystal Quinone Pvt. Ltd.	0.25 KL W. V. / 0.38 KL G. V.	FV to 35	250	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation
136	M/s. Minal Specialities Pvt. Ltd.	6 KL WV	FV to 40	250	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation
137	M/s. Minal Specialities Pvt. Ltd.	3 KL WV	FV to 40	250	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation
138	M/s. Vinati Organics Limited	5 KL WV	FV to 20	200	Dual Cert. SS316/316L	1	Client	2025	Hydrogenation



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CLIENT LIST FOR GREASE KETTLES

<u>Sr.</u>	<u>CLIENT NAME</u>	<u>EQUIPMENT TYPE</u>	<u>CAPACITY</u>	<u>AGITATOR TYPE</u>	<u>QTY (Nos.)</u>	<u>DESIGN PRESSURE</u>	<u>MFG. YEAR</u>
1	M/s. Balmer Lawrie & Co. Ltd Seweree	Process Kettle	5 MT	Sun & Planetary With Scrappers	3	Atmospheric	1984-1993
2	M/s. Balmer Lawrie & Co. Ltd Seweree	Cooling Kettle	10 MT	Helical Ribbon With Scrappers	3	Atmospheric	1984-1994
3	M/s. Balmer Lawrie & Co. Ltd Seweree	Process Kettle	2 MT	Counter Rotating	1	Atmospheric	1991
4	M/s. Balmer Lawrie & Co. Ltd Chennai , Manali	Process Kettle	5MT	Sun & Planetary With Scrappers	3	Atmospheric	1989
5	M/s. Balmer Lawrie & Co. Ltd Chennai , Manali	Cooling Kettle	10 MT	Helical Ribbon With Scrappers	3	Atmospheric	1989
6	M/s. Scicon International Pvt. Ltd.	Grease Cooling Kettle	3000 L	Sun & Planetary With Scrappers	1	-	1989
7 *	M/s. Balmer Lawrie & Co.Ltd Abu Dhabi	Process Kettle	0.5 MT	Sun & Planetary With Scrappers	1	5 Kg/cm ²	1994
8	M/s. Lubricant India	Grease Kettle		Sun & Planetary With Scrappers	1	Atmospheric	1994
9	M/s. Lubex Petrochem Pvt. Ltd.	Process Kettle	3 MT	Sun & Planetary With Scrappers	1	Atmospheric	1996
10	M/s. Lubex Petrochem Pvt. Ltd.	Grease Cooling Kettle	5 MT	Sun & Planetary With Scrappers	1	Atmospheric	1996
11	M/s. Standard Greases	Grease Cooling Kettle	10 MT	Helical Ribbon With Scrappers	1	Atmospheric	1996
12	M/s. Standard Greases	Grease Process Kettle	5 MT	Sun & Planetary With Scrappers	1	Atmospheric	1996
13	M/s. Tarapur Grease Industries Pvt. Ltd.	Grease Cooling Kettle	8 MT	Helical Ribbon With Scrappers	2	Atmospheric	1999
14	M/s. Standard Greases	Grease Cooling Kettle	8 MT	Helical Ribbon With Scrappers	1	Atmospheric	1999
15	M/s. Standard Greases	Grease Cooking Kettle	6 MT	Sun & Planetary With Scrappers	1	Atmospheric	1999
16	M/s. Standard Greases	Grease Cooking Kettle (Pressure)	2.5 MT	Sun & Planetary With Scrappers	1	11 Kg/cm ²	1999



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
17	M/s. Sah Petroleum Ltd.	Grease Process Kettle	5 MT	Sun & Planetary With Scrappers	1	Atmospheric	1999
18	M/s. Sah Petroleum Ltd.	Grease Cooling Kettle	10 MT	Helical Ribbon With Scrappers	1	Atmospheric	1999
19	M/s. Tarapur Grease Industries Pvt. Ltd.	Grease Process Kettle (Pressure)	3 MT	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2000-2001
20	M/s. Standard Greases	De-aerator	-	-	1	Vacuum	2000
21	M/s. Standard Greases (Tarapur)	Grease Process Kettle (Pressure)	3 MT	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2000-2001
22	M/s. Hindustan Petroleum Corp. Ltd. Mazgaon (Mumbai)	-		Agitator assembly with scrappers Co-rotating helical ribbon,	1	Atmospheric	2001-2002
23	M/s. Hindustan Petroleum Corp. Ltd. Mazgaon (Mumbai)	-		Counter Rotating anchor, paddle with Teflon scrapper for 4.5 MT	1	Atmospheric	2001-2002
24	M/s. Hindustan Petroleum Corp. Ltd. Mazgaon (Mumbai)	-		Co-rotating anchor paddle with Teflon Scrapper for 5 MT	1	Atmospheric	2001-2002
25	M/s. Hindustan Petroleum Corp. Ltd. Mazgaon (Mumbai)	-		Teflon Scrappers for 5 MT	1	Atmospheric	2001-2002
26	M/s. Hindustan Petroleum Corp. Ltd. Mazgaon (Mumbai)	Sodium Grease Kettle	10 MT	Counter Rotating Anchor, Paddle with Teflon Scrappers	1	Atmospheric	2001-2002
27	M/s. Siddharth Petro Products	Grease Pressure Kettle	3 KL	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2001-2002
28	M/s. Sah Petroleum Ltd. (Tarapur)	Grease Process Kettle	5 KL	Sun & Planetary With Scrappers	1	Atmospheric	2001-2002
29	M/s. Raj Lubricants(Madras)Ltd. Chennai	Gresae Pressure Kettle	2.5 KL	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2005
30 *	M/s. Alkarim , Syria	Grease Pressure Kettle	2.5 KL	Sun & Planetary With Scrappers	1	15 Kg/cm ²	2006
31	M/s. Tide Water Oil Co.(I) Ltd. Chennai	Grease Pressure Kettle	2.5 KL	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2006
32 *	M/s. Petrobash , Sudan	Grease Mixing Kettle	3 KL	Sun & Planetary With Scrappers	2	Atmospheric	2007



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
33 *	M/s. Powerplus Dubai , Jebel Ali	Pressure Kettle	2.5 KL	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2007
34 *	M/s. Powerplus Dubai , Jebel Ali	Mixing Kettle	5 KL	Sun & Planetary With Scrappers	1	Atmospheric	2007
35 *	M/s. Powerplus Dubai , Jebel Ali	Cooling kettle	8 KL	Sun & Planetary With Scrappers	1	Atmospheric	2007
36 *	M/s. Petrolube (T) Ltd. Tanzania	Grease Process Kettle	3 KL	Sun & Planetary With Scrappers	1	Atmospheric	2007-2008
37 *	M/s. Petrolube (T) Ltd. Tanzania	Grease Process Kettle	500 Litre	Sun & Planetary With Scrappers	2	Atmospheric	2007-2008
38	M/s. Standard Greases	Pressure Kettle	3 KL	Sun & Planetary With Scrappers	1	11 Kg/cm ²	2008
39	M/s. Tribo Lubes	Mixing Kettle	5 KL	Sun & Planetary With Scrappers	1	Atmospheric	2008
40	M/s. Sah Petroleums Ltd.	Mixing Kettle	3 KL	Sun & Planetary With Scrappers	1	Atmospheric	2008
41	M/s. Sah Petroleums Ltd.	Cooling kettle	6 KL	Helical Ribbon With Scrappers	1	Atmospheric	2008
42 *	M/s. Emirates National Oil Co. Dubai	Pressure Kettle	3 KL	Sun & Planetary With Scrappers	1	20 Kg/cm ²	2009
43 *	M/s. Emirates National Oil Co. Dubai	Mixing Kettle	5 KL	Sun & Planetary With Scrappers	2	Atmospheric	2009
44 *	M/s. Emirates National Oil Co. Dubai	Mixing Kettle	0.5 KL	Sun & Planetary With Scrappers	2	Atmospheric	2009
45 *	M/s. Emirates National Oil Co. Dubai	Cooling kettle	8 KL	Sun & Planetary With Scrappers	1	Atmospheric	2009
46	M/s. Atma Lubricants Vijaywada	Cooking Kettle	2 KL	Sun & Planetary With Scrappers	1	Atmospheric	2009
47	M/s. Atma Lubricants Vijaywada	Cooling kettle	2 KL	Helical Ribbon	1	Atmospheric	2009
48	M/s. Tide Water Oil Co.(I) Ltd. Chennai	Mixing Kettle	6 KL	Sun & Planetary With Scrappers	1	Atmospheric	2009



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
49	M/s. Tide Water Oil Co.(I) Ltd. Chennai	Cooling kettle	10 KL	Sun & Planetary With Scrappers	2	Atmospheric	2009
50	M/s. Tide Water Oil Co.(I) Ltd. Chennai	Cooling kettle	10 KL	Sun & Planetary With Scrappers	1	Atmospheric	2009
51	M/s. Standard Grease	Mixing Kettle	10 KL	Sun & Planetary With Scrappers	1	Atmospheric	2010
52	M/s. Walchandnagar (HPCL)	Mixing Kettle	11 KL	Counter Rotating	2	Atmospheric	2010
53	M/s. Walchandnagar (HPCL)	Coolant Kettle (SS 304)	20 KL	-	1	Atmospheric	2010
54	M/s. Indian Oil Corporation Ltd.	Mixing Kettle	10 KL	Counter Rotating	1	Atmospheric	2011
55	M/s. ITW India Ltd. Medak	Grease Blending Kettle	2000 Kg	Sun & Planetary	1	Atmospheric	2011
56 *	M/s. Qais AI Rawi & Sons Co. Jordan	Process Kettle	5 KL	Sun & Planetary With Scrappers	2	Atmospheric	2011
57 *	M/s. Petromin Corporation Saudi Arabia	Mixing Kettle	10 KL	Sun & Planetary With Scrappers	2	Atmospheric	2011
58	M/s. Cauldron Petrotech India Pvt. Ltd. Jaipur	Grease Cooking Cum Cooling Kettle	6.5 KL	Sun & Planetary	1	Atmospheric	2012
59	M/s. Nandan Petrochem	Pressure Kettle	2.5 KL	Anchor	1	11 Kg/cm ²	2012
60	M/s. Nandan Petrochem	Mixing Kettle	5 KL	Planetary	1	Atmospheric	2012
61	M/s. Nandan Petrochem	Cooling kettle	6 KL	Helical Ribbon	1	Atmospheric	2012
62	M/s. Tide Water Oil Co.(I) Ltd. Kolkata	Grease Cooking Kettle (Pressure)	3 KL	Sun & Planetary	1	Pressurised	2012
63	M/s. Western India Genuine Ghee Co. Pvt. Ltd.	Mixing Kettle	2 KL	Planetary	1	Atmospheric	2012
64 *	M/s. Gulf RAK Oil LLC Rasalkhaima, Dubai	Pressure Kettle	5 KL	Planetary	1	11 Kg/cm ²	2012



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
65 *	M/s. Gulf RAK Oil LLC Rasalkhaima, Dubai	Mixing Kettle	10 KL	Planetary	1	Atmospheric	2012
66 *	M/s. Gulf RAK Oil LLC Rasalkhaima, Dubai	Cooling kettle	11 KL	Helical Ribbon	2	Atmospheric	2012
67 *	M/s. German Mirror Lubricants & Greases FZE , Shariah	Grease Mixing Kettle (SS 316)	5.5 KL	Planetary	1	Atmospheric	2013
68 *	M/s. German Mirror Lubricants & Greases FZE , Shariah	Grease Mixing Kettle (SA 515 Gr. 70)	5.5 KL	Planetary	1	Atmospheric	2013
69 *	M/s. German Mirror Lubricants & Greases FZE , Shariah	Grease Cooling Kettle (SS 316)	11 KL	Helical	1	Atmospheric	2013
70 *	M/s. German Mirror Lubricants & Greases FZE , Shariah	Grease Cooling Kettle (SA 515 Gr. 70)	11 KL	Helical	1	Atmospheric	2013
71	M/s. Fuchs Lubricants (India) Pvt. Ltd.	5.5 KL Process Kettle (MOC: SS 304)	5.5 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2013
72	M/s. Tribo Lubes Pvt. Ltd.	Grease Kettle	5 MT	Planetary	1	Atmospheric	2016
73	M/s. The Waxpol Industries Pvt. Ltd.	Pressure Grease Kettle	3 KL	-	1	11 Kg/cm ²	2016
74	M/s. Raj Petro Specialities P.Ltd.Chennai	Grease Kettle (SS)	0.5 MT	Planetary	2	Atmospheric	2017
75	M/s. Raj Petro Specialities P.Ltd.Chennai	Cooling Kettle	1 MT	Helical Ribbon	2	Atmospheric	2017
76	M/s. Ferras Technologies Tamil Nadu	Grease Kettle	5 MT	Planetary	1	Atmospheric	2017
77	M/s. SRB Petrochem Solapur	Grease Kettle	5 MT	Planetary	1	Atmospheric	2018
78	M/s. Cauldron Petrotech India P.Ltd.Jaipur	Grease Kettle	5 MT	Planetary	1	Atmospheric	2019
79	M/s. Standard Greases Silvassa	Pressure Kettle	5 MT	Anchor + Paddle	1	Pressurised	2019
80 *	M/s. Trinity Lubes & Greases FZC Shariah	Pressure Cooking Kettle	6 KL	Planetary	1	14 Kg/cm ²	2019



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
81 *	M/s. Trinity Lubes & Greases FZC Shariah	Grease Mixing Kettle	9 KL	Planetary	1	Atmospheric	2019
82	M/s. Gandhar Oil Ltd. (Silvassa)	Grease Cooking Kettle	5 KL (W.V.)	Planetary	1	Atmospheric	2020
83	M/s. Gandhar Oil Ltd. (Silvassa)	Grease Cooling Kettle	10 KL (W.V.)	Anchor with Ribbon	1	Atmospheric	2020
84	M/s. Gandhar Oil Ltd. (Silvassa)	Mixing cum-Finishing Kettle	3 KL (W.V.)	Planetary	2	Atmospheric	2020
85	M/s. Gandhar Oil Ltd. (Silvassa)	SS 316 Pressure Kettle	3 KL (W.V.)	Anchor with Paddles	1	11	2020
86	M/s. Vinni Chemicals (Delhi)	Grease Pressure Kettle	3 KL	Anchor	1	11	2020
87	M/s. Vinni Chemicals (Delhi)	Mixing Kettle	5 KL	Planetary + Ribbon	1	Atmospheric	2020
88	M/s. Mark Speciality (Khopoli)	Grease Pressure Kettle	3 KL (G.V.)	Anchor	1	11	2020
89	M/s. Standard Greases & Specialities	Grease Mixing Kettles (MS)	(W.V.-10.25 KL) / (G.V.-	Planetary with Paddles	2	Atmospheric	2021
90	M/s. Carl Bechem Lubricants India Pvt. Ltd. (Bengaluru)	Co-axial Cooling Vessel (SS 304)	(W.V.- 5 KL) / (G.V.- 6.4 KL)	Special Anchor + Paddles	2	Atmospheric	2021
91	M/s. Speed Lubricants (Miraj)	Pressure Kettle (IS 2062)	(W.V.- 3 KL) / (G.V.- 4.1 KL)	Anchor with Paddles	1	11	2021
92	M/s. Speed Lubricants (Miraj)	Mixing Kettle (IS 2062)	(W.V.- 5 KL) / (G.V.- 6.5 KL)	Planetary in Anchor with Paddles	1	Atmospheric	2021
93	M/s. Fuchs Lubricants (India) Pvt. Ltd.	5 MT Ribbon Blender (SS304)	(W.V.-5.5 KL) / (G.V.- 6.92	Planetary in Anchor with Paddles	1	Atmospheric	2022
94	M/s. Anand Engineers Pvt. Ltd. [Molvgraph]	2 MT Cap. Blending Vessel (IS 2062 MOC)	(W.V. - 2.2 KL / G.V. - 2.62	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
95	M/s. Swastik Lubricants Pvt. Ltd. [Ahmednagar]	2 MT Cap. IS 2062 Gr. A Grease Mixing Kettle	W.V. - 2.2 KL / G.V. - 2.62 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
96	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	2 KL-W.V. Cooking Vessel (MOC: IS 2062)	W.V. - 2 KL / G.V. - 2.62 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
97	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	2 KL-W.V. Blending Vessel (MOC: IS 2062)	W.V. - 2 KL / G.V. - 2.62 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
98	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	2.5 KL-W.V. Blending Vessel (MOC: IS 2062)	W.V. - 2.5 KL / G.V. - 3.16 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
99	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	5 MT Cap. Blending Vessel (MOC: IS 2062)	W.V. - 5.5 KL / G.V. - 6.72 KL	Sun & Planetary in Anchor with Paddles + High Speed Cutter @	1	Atmospheric	2022
100	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	2 KL-W.V. Cooking Vessel with Limpet (MOC: IS 2062)	W.V. - 2 KL / G.V. - 2.62 KL	Sun & Planetary in Anchor with Paddles + High Speed Cutter @	1	Atmospheric	2022
101	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	2.5 KL-W.V. Blending Vessel with Limpet (MOC: IS 2062)	W.V. - 2.5 KL / G.V. - 3.16 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
102	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	2.5 KL-W.V. Blending Vessel without Limpet OR Jacket	W.V. - 2.5 KL / G.V. - 3.16 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
103	M/s. Standard Greases & Specialities Pvt. Ltd.	10 KL - W.V. Grease Mixing Kettle (MOC: IS 2062)	W.V. - 10 KL / G.V. - 13.45 KL	Sun & Planetary in Anchor with Paddles	1	Atmospheric	2022
104	M/s. Gandhar Oil Ltd. (Silvassa)	2 MT Grease Mixing Kettle (MOC: IS 2062)	W. V. 2.2 KL	Sun & Planetary in Anchor with Paddles	2	Atmospheric	2023
105	M/s. Gandhar Oil Ltd. (Silvassa)	10 MT Grease Cooling Kettle (MOC: IS 2062)	W. V. 11 KL	Helical Ribbon	1	Atmospheric	2023
106	M/s. Gandhar Oil Ltd. (Silvassa)	20 Litre SS 316 Pressure Kettle	W. V. 20 Litre	Helical Ribbon	1	11 Kg/cm ² (g)	2023
107	M/s. Gandhar Oil Ltd. (Silvassa)	20 Litre SS 316 Grease Kettle	W. V. 20 Litre	Helical Ribbon	1	Atmospheric	2023
108	M/s. Standard Greases & Specialities Pvt. Ltd.	Sun & Planetary Agitator for 3 KL Pressure Kettle (MOC: SS)	3 KL	Sun & Planetary in Anchor with Paddles.	1	11 Kg/cm ² (g)	2023
109	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	SS 304 3 KL Special Kettle	3 KL W.V.	Anchor with High Speed Disperser	1	Atmospheric	2023
110	M/s. Abinav Petrochem Pvt. Ltd.	5 MT Grease Mixing Kettle (MOC: IS 2062)	(W.V.-5.5 KL) / (G.V. - 6.92)	Sun & Planetary in Anchor with Paddles.	1	Atmospheric	2024
111	M/s. Vingreases LLP	5 MT Grease Mixing Kettle (MOC: SS 304)	(W.V.-5.5 KL) / (G.V. - 6.92)	Sun & Planetary in Anchor with Paddles., with Bottom Entry High	1	Atmospheric	2024
112	M/s. Standard Greases & Specialities Pvt. Ltd.	2 MT SS 304 Special Pressure Kettle	2 MT W. V.	Sun & Planetary in Anchor with Paddles.	1	11 Kg/cm ² (g)	2024



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CLIENT LIST FOR GREASE KETTLES

Sr.	CLIENT NAME	EQUIPMENT TYPE	CAPACITY	AGITATOR TYPE	QTY (Nos.)	DESIGN PRESSURE	MFG. YEAR
113	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	3.5 KL Grease Cooking Kettle (MOC: IS 2062)	3.5 L W. V.	Sun & Planetary in Anchor with Paddles.	1	1	2025
114	M/s. Anand Engineers Pvt. Ltd. [Molvgraph Lubricants]	5 KL Blending Vessel (MOC: IS 2062)	5 KL W. V.	Sun & Planetary in Anchor with Paddles.	2	Atmospheric	2025
115	M/s. JPEE Refineries Pvt. Ltd. (Kolhapur)	10 MT Grease Mixing Kettle (MOC: IS 2062)	10.25 KL W.V.	Sun & Planetary in Anchor with Paddles.	1	1	2024
116	M/s. Thermopac Boilers Pvt. Ltd.	5.5 KL Mixing Cum Cooking Kettle (SA 516 Gr. 70)	5.5 KL W. V.	Sun & Planetary in Anchor with Paddles., with Bottom Entry High	1	Atmospheric	Under Execution
117	M/s. Thermopac Boilers Pvt. Ltd.	2 KL Pressure Kettle (MOC: SS 304)	2 KL W. V.	Sun & Planetary in Anchor with Paddles.	1	FV to 8 Kg/cm ² (g)	Under Execution
118	M/s. Anand Engineers Pvt. Ltd. [Molvgraph]	Grease Filter (IS 2062)	-	-	1	10 Kg/cm ² (g)	2025
119	M/s. Anand Engineers Pvt. Ltd. [Molvgraph]	High Pptressure oil jet cleaning system	-	-	1	10 Kg/cm ² (g)	2025
120	M/s. Transasia Petrochem Pvt. Ltd.	Grease Filter (IS 2062)	-	-	1	10 Kg/cm ² (g)	2025
121	M/s. Petrochem Industries	Grease Filter (IS 2062)	-	-	1	10 Kg/cm ² (g)	2025
122	M/s. Anand Engineers Pvt. Ltd. [Molvgraph]	Food grade cooking kettle	700 kg	Sun & Planetary in Anchor with Paddles.	2	Atmospheric	Under Execution
123	M/s. Anand Engineers Pvt. Ltd. [Molvgraph]	Food grade blending vessel	1000 kg	Sun & Planetary in Anchor with Paddles.	2	Atmospheric	Under Execution
124*	M/s. Emirates National Oil Company Ltd.	Grease Pressure Kettle	3.96 KL W. V.	Sun & Planetary in Anchor with Paddles	1	FV to 11 Kg/cm ² (g)	Under Execution

Note: * mark - Export Orders



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CLIENT LIST FOR E.O. REACTORS

SR.	CLIENT	EQUIPMENT	CAPACITY	MATERIAL OF CONSTRUCTION	DESIGN PRESSURE	YEAR
					[BAR (g)]	
1	M/s. Galaxy Surfactants Ltd.	E.O. Reactor	2000 Litre	SA 240 Gr.304	15	1984
2	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	1500 Litre	SA 240 Gr.316	15	1985
3	M/s. S. M. Zimmer	E.O. Reactor	100 Litre	SA 240 Gr.316	20	1987
4	M/s. S. M. Zimmer	E.O. Reactor	2500 Litre	SA 240 Gr.316	10	1987
5	M/s. S. M. Zimmer	E.O. Reactor	3000 Litre	SA 240 Gr.316	10	1987
6	M/s. Unique Chemicals	E.O. Reactor	1500 Litre	SA 240 Gr.316	10	1987
7	M/s. Galaxy Surfactants Ltd.	E.O. Reactor	5000 Litre	SA 240 Gr.304	15	1988
8	M/s. Manish Surfactants Ltd.	E.O. Reactor	1500 Litre	SA 240 Gr.304	12	1988
9	M/s. Manish Surfactants Ltd.	E.O. Reactor	3000 Litre	SA 240 Gr.304	12	1988
10	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	4000 Litre	SA 240 Gr.316	15	1989
11	M/s. Ocean Agrochemicals	E.O. Reactor	2500 Litre	SA 240 Gr.316	10	1989
12	M/s. Ocean Agrochemicals	E.O. Reactor	4000 Litre	SA 240 Gr.316	10	1989
13	M/s. Ocean Agrochemicals	E.O. Reactor	5000 Litre	SA 240 Gr.316	10	1989
14	M/s. Unique Chemicals	E.O. Reactor	2500 Litre	SA 240 Gr.316	10	1990
15	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	5000 Litre	SA 240 Gr.316	15	1993
16	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	5000 Litre	SA 240 Gr.316	15	1998
17	M/s. Vibha Chem Products P. Lt	E.O. Reactor	100 Litre	SA 240 Gr.316	15	1999
18	M/s. Vibha Chem Products P. Lt	E.O. Reactor	2000 Litre	SA 240 Gr.316	10	1999
19	M/s. Pandesara Dyes & I. Ltd.	E.O. Reactor	4500 Litre	SA 240 Gr.316	15	2000
20	M/s. Vibha Chem Products P. Lt	E.O. Reactor	3000 Litre	SA 240 Gr.316	10	2000
21	M/s. Globe Industries	E.O. Reactor	3500 Litre	SS 316	10	2006
22	M/s. Sunshield Chemicals Ltd.	E.O. Reactor	10000 Litre	SS 316	10	2008
23	M/s. Fibrol Non-Ionics Pvt. Ltd.	E.O. Reactor	500 Litre	SS 316	10	2009
24	M/s. Viswaat Chemicals Limited	E.O. Reactor	4030 Litre	SS 316	Full Vacuum to 7	2009
25	M/s. Viswaat Chemicals Limited	E.O. Reactor	5000 Litre	Dual Certified SS 316 / Gr. 316L	Full Vacuum to 4	2012
26	M/s. Viswaat Chemicals Limited	E.O. Reactor	11000 Litre	Dual Certified SS 316 / Gr. 316L	Full Vacuum to 6	2013
27	M/s. Omni Impex Pvt. Ltd.	E.O. Reactor	5000 Litre	SS 316	7	2015
28	M/s. Viswaat Chemicals Limited	E.O. Reactor	6100 Litre	Dual Certified SS 316 / Gr. 316L	Full Vacuum to 6	2015
29	M/s. Omni Impex Pvt. Ltd.	E.O. Reactor	3000 Litre	SS 316	7	2016
30	M/s. Fibrol Non-Ionics Pvt. Ltd.	E.O. Reactor	2500 Litre	SS 316	10	2017
31	M/s. Kusa Chemicals Pvt. Ltd.	E.O. Reactor	10000 Litre	SS 316	Full Vacuum to 12.5	2017
32	M/s. Manish Surfactants	E.O. Reactor	10000 Litre	SS 316	Full Vacuum to 10	2018
33	M/s. Viswaat Chemicals Limited	E.O. Reactor	10000 Litre	SS 316	Full Vacuum to 10	2020
34	M/s. Fibrol Non-Ionics Pvt. Ltd.	E.O. Reactor	5000 Litre	SS 316	10	2021
35	M/s. Fibrol Non-Ionics Pvt. Ltd.	E.O. Reactor	5000 Litre	SS 316	10	2021
36	M/s. Sunshield Chemicals Ltd.	E.O. Reactor	12500 Litre	SS 316	Full Vacuum to 25	2023
37	M/s. Indo Amines Limited	E. O. Reactor	29000 Litre G. V	SA 240 Gr.304	Full Vacuum to 8	2025
38	M/s. Viswaat Chemicals Limited	Ethoxylation Reactor	1200 Litre W. V	Dual Certified SS 316 / Gr. 316L	8	2025
39	M/s. Viswaat Chemicals Limited	Ethoxylation Reactor	300 Litre W. V.	Dual Certified SS 316 / Gr. 316L	8	2025