National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5865	**Page No**	1 of 8
Validity	02/08/2021 to 01/08/2023	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- LUBRICANTS	Additives	Kinematic Viscosity @ 100 Deg C	P71: 1997,ISO 3104:2020,IS 1448 P25: 2013,ASTM D445
2	CHEMICAL- LUBRICANTS	Additives	Kinematic Viscosity @ 40 Deg C	IP71:1997, IS 1448 P25:2013 ,ISO 3104:2020;ASTM D445
3	CHEMICAL- LUBRICANTS	Additives	Total Base Number	IS 1448 P86;ISO 3771,IP276, ASTM D 2896
4	CHEMICAL- LUBRICANTS	Additives	Total Base Number	IS1448 (P 1 Sec 2);IP 417, ISO 6619,ASTM D4739
5	CHEMICAL- LUBRICANTS	Additives	Viscosity Index	IS 1448 P56-2013,IP 226-2004,ASTM D2270
6	CHEMICAL- LUBRICANTS	Additives	Water Content – Coulometric	ASTM D6304
7	CHEMICAL- LUBRICANTS	Coolant	Ash Content	ASTM D 1119
8	CHEMICAL- LUBRICANTS	Coolant	Boiling Point/ERBP	IS 5759:2006, ASTM D1120
9	CHEMICAL- LUBRICANTS	Coolant	Chloride Content	ASTM D3634
10	CHEMICAL- LUBRICANTS	Coolant	Color	UPL/WI/003/34
11	CHEMICAL- LUBRICANTS	Coolant	Density, Relative density	ASTM D 1122
12	CHEMICAL- LUBRICANTS	Coolant	Density, Relative density	ASTM D5931
13	CHEMICAL- LUBRICANTS	Coolant	Elemental Analysis (Al, B, Ca, Cu, Fe, Pb, Sn, Mg, Mo, P, K, Si, Na, Zn)	ASTM D6130
14	CHEMICAL- LUBRICANTS	Coolant	Foaming	ASTM D 1881
15	CHEMICAL- LUBRICANTS	Coolant	Foaming	ASTM D 4921
16	CHEMICAL- LUBRICANTS	Coolant	Freezing Point	ASTM D3321
17	CHEMICAL- LUBRICANTS	Coolant	Glycol content	referance to ASTM D3321
18	CHEMICAL- LUBRICANTS	Coolant	Nitrite	UPL/WI/003
19	CHEMICAL- LUBRICANTS	Coolant	pH	ASTM D1287
20	CHEMICAL- LUBRICANTS	Coolant	Reserve alkalinity	IS 5759-2006, ASTM D 1121
21	CHEMICAL- LUBRICANTS	Coolant	Sulphate	UPL/WI/003
22	CHEMICAL- LUBRICANTS	Coolant	Water content	ASTM D 1123
23	CHEMICAL- LUBRICANTS	Coolant	Water Content	ASTM E203
24	CHEMICAL- LUBRICANTS	DEF, AUS 32	Aldehyde Content	ISO 22241-2:2006 Annex F
25	CHEMICAL- LUBRICANTS	DEF, AUS 32	Alkalinity	ISO 22241-2:2006 Annex D

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5865 **Page No** 2 of 8

Validity 02/08/2021 to 01/08/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
26	CHEMICAL- LUBRICANTS	DEF, AUS 32	Density @20°C	ISO 3675
27	CHEMICAL- LUBRICANTS	DEF, AUS 32	Density, Relative density	ISO 12185
28	CHEMICAL- LUBRICANTS	DEF, AUS 32	Identity by FTIR	ISO 22241-2:2006 annex J
29	CHEMICAL- LUBRICANTS	DEF, AUS 32	Insoluble Matter	ISO 22241-2:2006 Annex G
30	CHEMICAL- LUBRICANTS	DEF, AUS 32	Phosphate Content	ISO 22241-2:2006 annex H
31	CHEMICAL- LUBRICANTS	DEF, AUS 32	Refractive Index	ISO 22241-2 Annex C
32	CHEMICAL- LUBRICANTS	DEF, AUS 32	Urea Content	ISO 22241-2 Annex C
33	CHEMICAL- LUBRICANTS	DEF, AUS 40	Aldehyde	ISO 18611-2 Annex. F
34	CHEMICAL- LUBRICANTS	DEF, AUS 40	Alkalinity	ISO 18611-2 Annex. D
35	CHEMICAL- LUBRICANTS	DEF, AUS 40	Elemental Analysis (Al, Ca, Cr, Cu, Fe, K, Mg, Na, Ni, Zn)	ISO 18611-2 Annex. I
36	CHEMICAL- LUBRICANTS	DEF, AUS 40	Refractive Index	ISO 18611-2 Annex. C
37	CHEMICAL- LUBRICANTS	DEF, AUS 40	Urea Content	ISO 18611-2 Annex. C
38	CHEMICAL- LUBRICANTS	DEF,AUS 32	Biuret Content	ISO 22241-2:2006 Annex E
39	CHEMICAL- LUBRICANTS	DEF,AUS 32	Elemental analysis (Al, Ca, Cu, Cr, K, Na, Fe, Mg, Ni, Zn)	ISO 22241-2:2006 annex I
40	CHEMICAL- LUBRICANTS	DEF,AUS 32	Phosphate Content	ISO 22241-2 Annex I
41	CHEMICAL- LUBRICANTS	DEF,AUS 40	Biuret Content	ISO 18611-2 Annex. E
42	CHEMICAL- LUBRICANTS	DEF,AUS 40	Insoluble Matter	ISO 18611-2 Annex. G
43	CHEMICAL- LUBRICANTS	DEF,AUS 40	Phosphate	ISO 18611-2 Annex. X
44	CHEMICAL- LUBRICANTS	Engine Oil	Cold-Cranking Simulator (CCS)	ASTM D5293
45	CHEMICAL- LUBRICANTS	Engine Oil	Fuel Dilution	ASTM D 7593
46	CHEMICAL- LUBRICANTS	Engine Oil	Fuel Dilution	ASTM D3524
47	CHEMICAL- LUBRICANTS	Gasoline fuel dilution	Gasoline fuel dilution	ASTM D 3525
48	CHEMICAL- LUBRICANTS	Grease	Acidity, Alkalinity	IS 1448 (Part 53)
49	CHEMICAL- LUBRICANTS	Grease	Compatibility of Binary mix of Greases	ASTM D6185
50	CHEMICAL- LUBRICANTS	Grease	Cone Penetration (Worked and unworked)	IP 50, IS 1448 (P-60), ISO 2137, ASTM D 217
51	CHEMICAL- LUBRICANTS	Grease	Copper Corrsion	ASTM D 4048
52	CHEMICAL- LUBRICANTS	Grease	Drop Point	IP 132, ASTM D 2265, IS 1448 (P-52), ASTM D 566

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5865 **Page No** 3 of 8

Validity 02/08/2021 to 01/08/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
53	CHEMICAL- LUBRICANTS	Grease	Elemental Analysis (Ag, Al, Ba, B, Ca, Cr, S, Cu, Fe, Pb, Mg, Mn, Li, Mo, Ni, P, K, Si, Sb, Na, Sn, Ti, V, Zn)	ASTM D 7303
54	CHEMICAL- LUBRICANTS	Lubricant	Water Content	ASTM D 1744
55	CHEMICAL- LUBRICANTS	Lubricating oil	Air release	IP 313, ISO 9120,ASTM D3427
56	CHEMICAL- LUBRICANTS	Lubricating Oil	ASTM Colour	IS 1448 P12: 2013,IP 196: 2011,ASTM D 1500
57	CHEMICAL- LUBRICANTS	Lubricating oil	Carbon residue (RBCR)	IS 1448 P8: 2012,IP 14: 2004,ISO 4262,ASTM D524
58	CHEMICAL- LUBRICANTS	Lubricating Oil	Crackle Test	UPL/WI/003
59	CHEMICAL- LUBRICANTS	Lubricating Oil	Demulsibility	IS 1448 P98: 2013, ASTM D1401
60	CHEMICAL- LUBRICANTS	Lubricating Oil	Elemental Analysis of Lubricating oil (Ag, Al, Ba, B, Ca, Cr, S, Cu, Cd, Fe, Pb, Mg, Mn, Li, Mo, Ni, P, K,Si, Sb, Na, Sn, Ti, V, Zn)	ASTM D 5185
61	CHEMICAL- LUBRICANTS	Lubricating Oil	Foaming Tendency & Stability (Sequence I, II & III)	IS 1448 P67: 2011,IP 146: 2010,ISO 6247,ASTM D892
62	CHEMICAL- LUBRICANTS	Lubricating Oil	FTIR- Soot %	ASTM E 2412-10
63	CHEMICAL- LUBRICANTS	Lubricating Oil	FTIR- Water, Glycol, Gasoline, Diesel, Soot, ZnDDP	ASTM E2412-10
64	CHEMICAL- LUBRICANTS	Lubricating Oil	FTIR-Nitration	ASTM E 2412-10
65	CHEMICAL- LUBRICANTS	Lubricating Oil	FTIR-Oxidation	ASTM E 2412-10
66	CHEMICAL- LUBRICANTS	Lubricating Oil	FTIR-Sulfation	ASTM E 2412-10
67	CHEMICAL- LUBRICANTS	Lubricating Oil	Oxidation	ASTM D7414
68	CHEMICAL- LUBRICANTS	Lubricating Oil	Particular impurity	UPL/WI/003
69	CHEMICAL- LUBRICANTS	Lubricating Oil	Refractive Index	ASTM D 1747-2009
70	CHEMICAL- LUBRICANTS	Lubricating Oil	RPVOT (Oxidation stability)	ASTM D 2272
71	CHEMICAL- LUBRICANTS	Lubricating Oil	Rust Preventation	IP 135, ISO 7120, ASTM D665
72	CHEMICAL- LUBRICANTS	Lubricating Oil	Salinity	UPL/WI/003
73	CHEMICAL- LUBRICANTS	Lubricating Oil	Sulphation	ASTM D7415
74	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Acid Number (TAN)	IP 139,ISO 6618,ASTM D974
75	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Acid Number (TAN) (Acidity)	IP177,ISO 6619,IS 1448 P-2,ASTM D 664

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5865 **Page No** 4 of 8

Validity 02/08/2021 to 01/08/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Base Number (TBN)	IS 1448 P86;ISO 3771,IP276, ASTM D 2896
77	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Base Number (TBN)	IS1448 (P 1 Sec 2);IP 417, ISO 6619,ASTM D4739
78	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity gravity constant	ASTM D 2501-14
79	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity Index	IS 1448 P56-2013,IP 226-2004,ASTM D2270
80	CHEMICAL- LUBRICANTS	Lubricating Oil, Additive	Total Nitrogen	ASTM D 3228
81	CHEMICAL- LUBRICANTS	Lubricating Oil, Insulating Oils	Carbon-Type Composition (Aromatics, Paraffinic, Naphthenic)	ASTM D2140
82	CHEMICAL- LUBRICANTS	Lubricating oils	Calorific Value	ASTM D 4868
83	CHEMICAL- LUBRICANTS	Lubricating Oils	Density, Relative density by auto densitometer	IP 365, ISO 12185, ASTM D 4052
84	CHEMICAL- LUBRICANTS	Lubricating Oils	Density, Relative density by hydrometer method	IS 1448 P16:2014,IP160: 1999,ISO 3675, ASTM D1298-12
85	CHEMICAL- LUBRICANTS	Lubricating Oils	Flash Point (COC)	IS 1448 P69: 2013,IP36: 2002,ISO 2592,ASTM D92
86	CHEMICAL- LUBRICANTS	Lubricating Oils	Flash Point (PMCC)	IS 1448 P21: 2012,IP35: 2016,ISO 2719, ASTM D93
87	CHEMICAL- LUBRICANTS	Lubricating Oils	Initial pH i-pH	ASTM D 7946
88	CHEMICAL- LUBRICANTS	Lubricating Oils	Insolubles in Pentane,Toluene, Hexane, Heptane	ASTM D 893-14
89	CHEMICAL- LUBRICANTS	Lubricating oils	Organic Chloride	ASTM D 4929
90	CHEMICAL- LUBRICANTS	Lubricating Oils	Pentane Insoluble by membrane Filtration	ASTM D 4055
91	CHEMICAL- LUBRICANTS	Lubricating Oils	Water Content – Coulometric	ASTM D 6304
92	CHEMICAL- LUBRICANTS	Lubricating Oils & Fluids	Copper corrosion	IS 1448 P15:2011,IP 154: 2013,ASTM D130
93	CHEMICAL- LUBRICANTS	Lubricating Oils & Fluids	Pour point Test	IS 1448 P10: 2013,IP 15: 2014,ASTM D97
94	CHEMICAL- LUBRICANTS	Lubricating oils and additives	Elemental Analysis of Lubricants and additives (Ba, B, Ca, Cu, Mg, Mo, P, S, Zn)	ASTM D4951-14
95	CHEMICAL- LUBRICANTS	Lubricating Oils, Grease	Water Content	ASTM E 203
96	CHEMICAL- LUBRICANTS	Lubricating Oils, Hydraulic Oils, Turbine Oils	Particle Count and Distribution	ASTM D7647

SCOPE OF ACCREDITATION

Laboratory Name :	ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5865	**Page No**	5 of 8
Validity	02/08/2021 to 01/08/2023	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
97	CHEMICAL- LUBRICANTS	Lubricating Oils, Hydraulic Oils, Turbine Oils	Particle Count and Distribution	ISO 4406
98	CHEMICAL- LUBRICANTS	Lubricating Oils, Hydraulic Oils, Turbine Oils	Particle Count and Distribution	NAS 1638
99	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Ash Content	IS 1448 P4: 2013,IP4: 2012,ISO 6245,ASTM D 482
100	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Kinematic Viscosity at 100 °C by Automated Houillon Viscometer	ASTM D7279
101	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Kinematic viscosity at 100°C	ASTM D7042
102	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Kinematic viscosity at 100°C	IP71: 1997,ISO 3104:2020,IS 1448 P25: 2013,ASTM D445
103	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Kinematic Viscosity at 40 °C by Automated Houillon Viscometer	ASTM D7279
104	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Kinematic viscosity at 40°C	ASTM D7042
105	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Kinematic viscosity at 40°C	IP71:1997, IS 1448 P25:2013 ,ISO 3104:2020;ASTM D445
106	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	PQ Index	ASTM D 8184
107	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Sulphated Ash	IP 163, ISO 3987, IS 1448 (P- 4, Sec 2), ASTM D 874
108	CHEMICAL- LUBRICANTS	Lubricating Oils, Lubricating Fluids, Grease	Water Content	IS 1448 P40: 2011,IP 74: 2000,ISO 3733, ASTM D95-13
109	CHEMICAL- LUBRICANTS	Lubricating oils, Thermic Fluids, Heat Treatment Oils	Conradson Carbon Residue (CCR)	ASTM D 189
110	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation turbine fuel	Acidity	ASTM D3242
111	CHEMICAL- PETROLEUM AND PRODUCTS	Biodiesel	Fatty Acid Methyl Ester (FAME)	EN 14103
112	CHEMICAL- PETROLEUM AND PRODUCTS	Biodiesel, Diesel	Elemental Analysis of Fuel Samples (Ag, Al, Ba, Ca, Co, Cr, Cu, Cd, Sn, B, Fe, Pb, Pd, Mg, Mn, Li, Mo, Ni, K, Si, Sr, Na, Ti, V, Zn)	ASTM D7111
113	CHEMICAL- PETROLEUM AND PRODUCTS	Biodiesel, Marine Fuel, Diesel, LDO	Copper Strip Corrosion	IS 1448 P15:2011,IP 154: 2013,ASTM D130
114	CHEMICAL- PETROLEUM AND PRODUCTS	Biodiesel, Marine Fuel, Furnace Oil, LSHS, Diesel, Kerosene, LDO	Flash Point (PMCC)	IS 1448 P21: 2012, IP35: 2016, ISO 2719, ASTM D93
115	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Fatty Acid Methyl Ester (FAME)	EN14078 ,IS 1460:2017,ASTM D7371

SCOPE OF ACCREDITATION

Laboratory Name :	ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5865	**Page No**	6 of 8
Validity	02/08/2021 to 01/08/2023	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
116	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel	Sulphated Ash	IP 163, ISO 3987, IS 1448 (P- 4, Sec 2), ASTM D 874
117	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel	Total Contamination	EN 12662
118	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel	Water and Sediment By Centrifuge	ASTM D 2709
119	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel, Kerosene, Marine Fuel, Gasoline	Chloride Content	ASTM D4929
120	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel, Kerosene, Marine Fuel, Gasoline	Sulfur Content	ASTM D5453
121	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel, Marine Fuel	Total Acidity/Acid Number	IP177,ISO 6619,IS 1448 P-2,ASTM D 664
122	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel, Marine Fuel, Furnace Oil, LSHS, Kerosene	Ash Content	IS 1448 P4: 2013, IP4: 2012, ISO 6245, ASTM D 482
123	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel, Marine Fuel, Furnace Oil, LSHS, LDO	Water Content by Distillation	IS 1448 (P-40);ISO 3733;IP 74;ASTM D 95
124	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Biodiesel, Marine Fuels	Cold Filter Plugging Point (CFPP)	IS 1448 (P 110), IP 309, EN 116, ASTM D 6371
125	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Kerosene, LDO, Biodiesel, Marine Fuel	ASTM Colour	IS 1448 P12: 2013, IP 196: 2011, ASTM 1500
126	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Kerosene, LDO, Biodiesel, Marine Fuel	Kinematic viscosity @ 40°C	ASTM D7042
127	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Kerosene, LDO, Biodiesel, Marine Fuel	Kinematic viscosity @ 40°C	IP71:1997, IS 1448 P25:2013 ,ISO 3104:2020,;ASTM D445
128	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Kerosene, LDO, Biodiesel, Marine Fuel	Kinematic viscosity @40°C by Automated Houillon Viscometer	ASTM D7279
129	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Kerosene, LDO, Biodiesel, Marine Fuel	Water content by karl fisher	ASTM D1744
130	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Carbon residue (RBCR)	IS 1448 P8: 2012,IP 14: 2004,ISO 4262,ASTM D524
131	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Chlorine	ASTM D 808
132	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Density, Relative density	ISO 12185
133	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Density, Relative density by auto densitometer	IP 365, ISO 12185, ASTM D 4052

SCOPE OF ACCREDITATION

Laboratory Name : ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5865 **Page No** 7 of 8

Validity 02/08/2021 to 01/08/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
134	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Density, Relative density by hydrometer method	IS 1448 P16:2014, ISO 3675, IP160: 1999, ISO 3675, ASTM D1298-12
135	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Pour point	IS 1448 P10: 2013,IP 15: 2014,ASTM D97
136	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Sulfur	ASTM D 5185
137	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Sulfur content	IS 1448 P33-1991, ASTM D 129
138	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Total Acid Number (TAN)	IP 139,ISO 6618,ASTM D974
139	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Biodiesel, Marine Fuel	Water Content – Coulometric	ASTM D 6304
140	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, LDO, Furnace Oil	Sediment by extraction	IS1448 (Part 30) 2013; IP 53, ISO 3735, ASTM D 473
141	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Marine Fuel	Cloud Point	IP 219; IS 1448 (P-10, Sec 1), ISO 3015, ASTM D 2500
142	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Marine Fuel	Particle Count and Distribution	ASTM D7647
143	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Marine Fuel	Particle Count and Distribution	ISO 4406
144	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Marine Fuel	Particle Count and Distribution	NAS 1638
145	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel, Marine Fuels	Cetane Index	ASTM D 4737
146	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Total Nitrogen	ASTM D 3228
147	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil, Diesel, LDO, LSHS, Marine Fuel	Heat of combustion of liquid hydrocarbon fuel by Calculation	ASTM D4868
148	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil, Marine Fuel, Diesel LDO, LSHS	Heat of combustion of liquid hydrocarbon fuel by Bomb calorimeter Method	ASTM D 240
149	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oils, LSHS, Marine Fuel	Conradson Carbon Residue (CCR)	ASTM D 189
150	CHEMICAL- PETROLEUM AND PRODUCTS	Gasoline, Diesel, Marine Fuel, Petroleum Solvents, Thermic Fluids, Petroleum Solvents	Distillation Recovery	IS 1448 (P-18), ISO 3405, IP 123, ASTM D86
151	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Products	Refractive Index	ASTM D 1218

SCOPE OF ACCREDITATION

Laboratory Name :	ULTRA PLUS LUBES PVT. LTD., PLOT NO. 17, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, NAVI MUMBAI PANVEL, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5865	**Page No**	8 of 8
Validity	02/08/2021 to 01/08/2023	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
152	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Solvents, Diesel, Kerosene, Gasoline	Flash Point (Abel)	IS 1448 P20: 2013, IP 170