National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 1 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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	Automotive & Industrial Lubricant	Apparent Viscosity Of Engine Oils Between -5 And -35°C Using The Cold-Cranking Simulator	ASTM D 5293
2	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Appearance	RPSPL/ITP/01
3	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	ASTM D 2896
4	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	IS 1448 : Part 86
5	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Channelling Characteristics Of Lubricants	IS 1118
6	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Colour	ASTM D 1500
7	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Copper Strip Corrosion @121°C for 3 Hrs.	ASTM D 130
8	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Copper Strip Corrosion @121°C for 3 Hrs.	IS 1448 : Part 15
9	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Density	ASTM D 1298
10	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Density	ASTM D 4052
11	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Density	ASTM D 7042
12	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Density	IS 1448 : Part 16
13	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Boron	ASTM D 4951
14	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Boron	ASTM D 5185
15	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Calcium	ASTM D 4951

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 2 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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
16	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Calcium	ASTM D 5185
17	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Magnesium	ASTM D 4951
18	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Magnesium	ASTM D 5185
19	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Molybdenum	ASTM D 4951
20	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Molybdenum	ASTM D 5185
21	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Phosphorus	ASTM D 4951
22	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Phosphorus	ASTM D 5185
23	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Zinc	ASTM D 4951
24	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Determination Of Additive Elements In Lubricating Oils By Inductively Coupled Plasma Atomic Emission Spectrometry-Zinc	ASTM D 5185

SCOPE OF ACCREDITATION

Laboratory Name : RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 3 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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
25	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Evaporation Loss Of Lubricating Oils By The (Noak's Method)	ASTM D 5800
26	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Evaporation Loss Of Lubricating Oils By The (Noak's Method)	IS 1448 : Part 136
27	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Flash Point (COC)	ASTM D 92
28	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Flash Point (COC)	IS 1448 : Part 69
29	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Flash Point (PMCC)	ASTM D 93
30	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Flash Point (PMCC)	IS 1448 : Part 21
31	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Foaming Characteristics of Lubricating Oils	ASTM D 892
32	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Foaming Characteristics of Lubricating Oils	IS 1448 : Part 67
33	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Kinematic Viscosity@100 deg.c	ASTM D 445
34	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Kinematic Viscosity@100 deg.c	ASTM D 7042
35	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Kinematic Viscosity@100 deg.c	IS 1448 : Part 25
36	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Kinematic Viscosity@40 deg.c	ASTM D 445
37	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Kinematic Viscosity@40 deg.c	ASTM D 7042
38	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Kinematic Viscosity@40 deg.c	IS 1448 : Part 25
39	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Low Temperature Viscosity of Lubricants Measured By Brookfield Viscometer	ASTM D 2983
40	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Nitrogen Content	ASTM D 4629
41	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Nitrogen Content	ASTM D 5762
42	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Pour Point	ASTM D 97
43	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Pour Point	IS 1448 : Part 10 : SEC 2
44	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Sulfur Content	ASTM D 4294
45	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Sulfur Content	ISO 20847
46	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Sulphated Ash From Lubricating Oils And Additives	ASTM D 874
47	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Sulphated Ash From Lubricating Oils And Additives	IS 1448 : Part 4:Sec 1
48	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Total Acid Number	ASTM D 664

SCOPE OF ACCREDITATION

Laboratory Name : RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 4 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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
49	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Total Acid Number	ASTM D 974
50	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Total Acid Number	IS 1448 :Part 1 : SEC 1
51	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Viscosity at High Shear Rate and High Temperature by Tapered Bearing Simulator	ASTM D 4683
52	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Viscosity Index	ASTM D 2270
53	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Viscosity Index	IS 1448: Part 56
54	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Water Separability Of Petroleum Oils And Synthetic Fluids @54 deg.c	ASTM D 1401
55	CHEMICAL- LUBRICANTS	Automotive & Industrial Lubricant	Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature	ASTM D 4684
56	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Ageing Characteristics c. Specific resistance @90 deg.c	IS 12177 Method A
57	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Ageing Characteristics d. Dielectric Dissipation Factor (Tan d)	IS 12177 Method A
58	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Electric strength	ASTM D 877
59	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Electric strength	IS 6792
60	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Flash Point	ASTM D 93
61	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Flash Point	ISO 2719
62	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Neutralization Value	ASTM D 974
63	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Neutralization Value	IEC 62021-1
64	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Neutralization Value	IS 1448(P:2)

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	5 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
65	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Corrosive sulfur	IS 335 Annex B
66	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-Furfural alcohol (FOL)	ASTM D 5837
67	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity @27deg.c	IS 1448 (P:25)
68	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Ageing Characteristics a. Total acidity	IS 12177 Method A
69	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Ageing Characteristics b. Total sludge	IS 12177 Method A
70	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Corrosive sulfur	ASTM D 1275
71	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Density	ISO 3675
72	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Hydrogen gas	ASTM D 3612
73	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - for Hydrogen gas	IS 9434
74	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Electro static charging Tendency (ECT)	IEC 60296 Cl 6.14
75	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Interfacial Tension	IS 6104
76	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@-30 deg.c	ISO 3104
77	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@40 deg.c	ASTM D 445
78	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (b. Total sludge)	ASTM D 2440

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	6 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
79	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (a. Total acidity)	ASTM D 2440
80	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Pour Point	IS 1448 (P:10/SEC-2)
81	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Presence of oxidation inhibitor	IS 13631
82	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Specific Resistance @27°C	IS 6103
83	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Ageing Characteristics c. Specific resistance @27 deg.c	IS 12177 Method A
84	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Aniline Point	ASTM D 611
85	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Appearance	IS 335
86	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Aromatics)	ASTM D 2140
87	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Aromatics)	IEC 60590
88	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Aromatics)	IS 13155
89	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Corrosive sulfur	DIN 51353
90	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	DBDS	IEC 62697-1
91	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Ethane gas	IS 9434
92	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Carbon dioxide gas	IEC 60567

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	7 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
93	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Carbon monoxide gas	ASTM D 3612
94	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Acetylene	IS 9434
95	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Acetylene gas	ASTM D 3612
96	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Acetylene gas	IEC 60567
97	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Carbon monoxide	IS 9434
98	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Ethane gas	ASTM D 3612
99	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Ethane gas	IEC 60567
100	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Ethylene gas	ASTM D 3612
101	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Ethylene gas	IEC 60567
102	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Ethylene gas	IS 9434
103	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Hydrogen gas	IEC 60567
104	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Methane gas	IEC 60567
105	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Methane gas	IS 9434
106	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Carbon dioxide gas	ASTM D 3612

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	8 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
107	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Carbon Monoxide gas	IEC 60567
108	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis For Carbon dioxide	IS 9434
109	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis -For Methane gas	ASTM D 3612
110	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Electric strength	ASTM D 1816
111	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Electric strength	IEC 60156
112	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Flash Point	IS 1448 (P:21)
113	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 5-hydroxymethyl-2-furaldehyde (HMF)	ASTM D 5837
114	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 5-hydroxymethyl-2-furaldehyde (HMF)	IEC 61198
115	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 5-methyl-2-furaldehyde (MEF)	ASTM D 5837
116	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 5-methyl-2-furaldehyde (MFE)	IEC 61198
117	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-acetylfuran (ACF)	ASTM D 5837
118	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-acetylfuran (ACF)	IEC 61198
119	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-furaldehyde (FAL)	IEC 61198
120	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-Furfural (FAL)	ASTM D 5837

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	9 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
121	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-furfural alcohol (FOL)	IEC 61198
122	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Gassing Tendency	ASTM D 2300
123	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Gassing Tendency	IEC 60628 Method A
124	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Gassing Tendency	IS 12475 (P:1)
125	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Interfacial Tension	ASTM D 971
126	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Interfacial Tension	ISO 6295
127	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Negative Impulse	ASTM D 3300
128	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Negative Impulse	IEC 60897
129	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (b. Total sludge)	IS 335 Annex C
130	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (b. Total sludge)	IEC 61125
131	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (b. Total sludge)	IEC 61125 Method A&C
132	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability c. Dielectric Dissipation factor (Tan d)	IEC 61125 Method A&C
133	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (a. Total acidity)	IEC 61125 Method A&C
134	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (a. Total acidity)	IEC 61125

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	10 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
135	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability (a. Total acidity)	IS 335 Annex C
136	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation Stability (Rotating Bomb test)	ASTM D 2112
137	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCA content	BS 2000 (P:346)
138	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB content (Arocrol 1242)	IEC 61619
139	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB content (Arocrol 1242)	ASTM D 4059
140	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Pour Point	ASTM D 97
141	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Pour Point	ISO 3016
142	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Presence of oxidation inhibitor	ASTM D 4768
143	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Presence of oxidation inhibitor	IEC 60666
144	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Specific Resistance@90°C	IS 6103
145	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Acetylene gas	ASTM D 7150 Method A
146	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Carbon Monoxide gas	ASTM D 7150 Method A
147	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Ethane gas	ASTM D 7150 Method A
148	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Ethylene gas	ASTM D 7150 Method A

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	11 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
149	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Hydrogen gas	ASTM D 7150 Method A
150	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Methane gas	ASTM D 7150 Method A
151	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing For Carbon dioxide gas	ASTM D 7150 Method A
152	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Total Sulfur Content	ASTM D 4294
153	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Total Sulfur Content	ISO 20847
154	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Total Sulfur Content	ISO 8754
155	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Water Content	ASTM D 1533
156	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Water Content	IEC 60814
157	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Water Content	IS 13567
158	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Appearance	ASTM D 1524
159	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Appearance	IEC 60296
160	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Density	ASTM D 1298
161	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dielectric Dissipation factor (Tan d)	ASTM D 924
162	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dielectric Dissipation factor (Tan d)	IS 6262

SCOPE OF ACCREDITATION

Laboratory Name : RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 12 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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
163	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dielectric Dissipation factor (Tan d)	IEC 60247
164	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Colour	ASTM D 1500
165	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Density	IS 1448 (P:16)
166	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Carbon type composition (Naphtanics)	IEC 60590
167	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Corrosive sulfur	IS 16310
168	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Electro static charging Tendency (ECT)	IS 335 Cl.6.14
169	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity @27deg.c	ASTM D 445
170	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity @27deg.c	ASTM D 7042
171	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity @27deg.c	ISO 3104
172	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@ 0 deg.c	ASTM D 445
173	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@ 0 deg.c	ASTM D 7042
174	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@100 deg.c	ASTM D 7042
175	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@100 deg.c	ASTM D445
176	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@100 deg.c	ISO 3104

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	13 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
177	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@-15 deg.c	IS 1448 (P:25)
178	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@-15 deg.c	ISO 3104
179	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@-20 deg.c	ASTM D 445
180	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@-20 deg.c	ASTM D 7042
181	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@-20 deg.c	ISO 3104
182	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@-30 deg.c	ASTM D 445
183	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@40 deg.c	ASTM D 7042
184	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Kinematic Viscosity@40 deg.c	ISO 3104
185	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Metal Passivator additives	IEC 60666
186	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Metal Passivator additives	IS 13631
187	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Neutralization Value	IEC 62021-2
188	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Oxidation stability (a. Total acidity)	IS 12422
189	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Oxidation stability c. Dielectric Dissipation factor (Tan d)	ASTM D 2440
190	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Oxidation stability c. Dielectric Dissipation factor (Tan d)	IS 335 Annex C

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	14 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
191	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Oxidation stability(b. Total sludge)	IS 12422
192	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	PCB Content (Arocrol 1260)	IS 16082
193	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Specific Resistance @27°C	ASTM D 924
194	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil	Specific Resistance @27°C	IEC 60247
195	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Appearance	ASTM D 3487
196	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Appearance	IEC 60296
197	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Paraffinic)	IEC 60590
198	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Naphtanics)	ASTM D 2140
199	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Naphtanics)	IS 13155
200	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Paraffinic)	ASTM D 2140
201	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Carbon type composition (Paraffinic)	IS 13155
202	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Colour	ISO 2049
203	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Corrosive sulfur	IEC 62535
204	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	DBDS	IS 16497(Part1)

SCOPE OF ACCREDITATION

Laboratory Name :	RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6666	**Page No**	15 of 17
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	18/06/2022

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
205	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Density	ASTM D 4052
206	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Density	ASTM D 7042
207	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Density	ISO 12185
208	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dielectric Dissipation factor (Tan d)	IS 16086
209	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Nitrogen gas	ASTM D 3612
210	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Nitrogen gas	IEC 60567
211	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Nitrogen gas	IS 9434
212	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Oxygen gas	ASTM D 3612
213	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Oxygen gas	IEC 60567
214	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Dissolved Gas Analysis - For Oxygen gas	IS 9434
215	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-acetylfuran (ACF)	IS 15668
216	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-Furfural (FAL)	IS 15668
217	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 2-furfural alcohol (FOL)	IS 15668
218	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 5-hydroxymethyl-2-furaldehyde (HMF)	IS 15668

SCOPE OF ACCREDITATION

Laboratory Name : RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 16 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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
219	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Furfural content, 5-methyl-2-furaldehyde (MFE)	IS 15668
220	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@ 0 deg.c	IS 1448 (P:25)
221	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@ 0 deg.c	ISO 3104
222	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@100 deg.c	IS 1448 (P:25)
223	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@-15 deg.c	ASTM D 445
224	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@-15 deg.c	ASTM D 7042
225	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@-20 deg.c	IS 1448 (P:25)
226	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@-30 deg.c	ASTM D 7042
227	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@-30 deg.c	IS 1448 (P:25)
228	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Kinematic Viscosity@40 deg.c	IS 1448 (P:25)
229	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation Stability (Rotating Bomb test)	IS 12958
230	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability c. Dielectric Dissipation factor (Tan d)	IEC 61125
231	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Oxidation stability c. Dielectric Dissipation factor (Tan d)	IS 12422
232	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Particle count	IEC 60970

SCOPE OF ACCREDITATION

Laboratory Name : RAJ PETRO SPECIALITIES PVT. LTD., SURVEY NO. 146/2/3, MADHUBAN DAM ROAD, VILLAGE KARAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6666 **Page No** 17 of 17

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 18/06/2022

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
233	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Particle count	IS 13236
234	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Particle count	NAS 1638
235	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCA content	BS 2000 (P:346)
236	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB Content (Arocrol 1254)	ASTM D 4059
237	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB Content (Arocrol 1254)	IEC 61619
238	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB Content (Arocrol 1254)	IS 16082
239	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB Content (Arocrol 1260)	ASTM D 4059
240	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB Content (Arocrol 1260)	IEC 61619
241	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	PCB content (Arocrol 1242)	IS 16082
242	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Presence of oxidation inhibitor	ASTM D 2668
243	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Specific Resistance@90°C	ASTM D 924
244	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Specific Resistance@90°C	IEC 60247
245	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Nitrogen gas	ASTM D 7150 Method A
246	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Liquid Dielectric Materials (Mineral Insulating Oils-Transformer Oil)	Stray Gassing - Oxygen gas	ASTM D 7150 Method A