National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PETROLABS INDIA PVT. LTD., H-NO 5-36/1/11/A, 2ND FLOOR, PRASHANTH NAGAR, APIIC, ILA, KUKATPALLI, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5769 **Page No** 1 of 3

Validity 11/08/2022 to 10/08/2024 **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- PETROLEUM AND PRODUCTS	Lubrication Oil	Colour	ASTM D 1500 (12)
2	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Kinematic Viscosity at 100 °C	ASTM D 445
3	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Phosphorus (P)	ASTM D 6595
4	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Viscosity Index	ASTM D 2270 : (10)
5	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Boron (B)	ASTM D 6595
6	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Cadmium (Cd)	ASTM D 6595
7	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Silver (Ag)	ASTM D 6595
8	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Vanadium (V)	ASTM D 6595
9	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Acid number-Manual titration	ASTM D 974
10	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Aluminium (Al)	ASTM D 6595
11	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Barium (Ba)	ASTM D 6595
12	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Calcium (Ca)	ASTM D 6595
13	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Chromium (Cr)	ASTM D 6595
14	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Copper (Cu)	ASTM D 6595
15	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Density	ASTM D1298-12 b
16	CHEMICAL- PETROLEUM AND PRODUCTS	lubrication oil	Ferrography	ASTM D 7690
17	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Flash Point	ASTM D92
18	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Insoluble Pentane	ASTM D 893

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Insoluble Toluene	ASTM D 893
20	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Iron (Fe)	ASTM D 6595
21	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Kinematic Viscosity at 40 °C	ASTM D 445
22	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Lead (Pb)	ASTM D 6595
23	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Magnesium (Mg)	ASTM D 6595
24	CHEMICAL- PETROLEUM AND PRODUCTS	lubrication Oil	Manganese (Mn)	ASTM D 6595
25	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Molybdenum (Mo)	ASTM D 6595
26	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Nickel (Ni)	ASTM D 6595
27	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Potassium (K)	ASTM D 6595
28	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Silicon (Si)	ASTM D 6595
29	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Sodium (Na)	ASTM D 6595
30	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Tin (Sn)	ASTM D 6595
31	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Titanium (Ti)	ASTM D 6595
32	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Total Acid Number (TAN)	ASTM D 664 :18E2
33	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Total Base Number (TBN)	ASTM D 4739
34	CHEMICAL- PETROLEUM AND PRODUCTS	Lubrication Oil	Zinc (Zn)	ASTM D 6595
35	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Appearance	IS: 335
36	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Methane	IS:9434
37	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Acetylene	IS:9434

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Carbon monoxide	IS: 9434
39	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Carbondioxide	IS: 9434
40	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Ethane	IS:9434
41	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Ethylene	IS:9434
42	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - hydrogen	IS:9434
43	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis - Nitrogen	IS:9434
44	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Dissolved Gas Analysis	IS:9434
45	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Flash Point	IS 1448 (Part 21)
46	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Kinematic viscosity at 27 °C	IS 1448 (Part 25):Sec1
47	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Neutralization value	IS 1448 (Part 2)
48	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Sediments & Sludge	IS:1866 Annex C
49	CHEMICAL- PETROLEUM AND PRODUCTS	Transformer Oil (Mineral Insulating Oil)	Water Content	IS:13567
50	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil (Mineral Insulating Oil)	Breakdown Voltage Test	IS:6792
51	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil (Mineral Insulating Oil)	Interfacial Tension	IS 6104 : 1971
52	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil (Mineral Insulating Oil)	Specific Resistivity Test	IS:6103-1971
53	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil (Mineral Insulating Oil)	Tan Delta Test @ 90°C	IS:6262-1971