National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, LUBE BLENDING PLANT-TALOJA, IOCL, T-20,MIDC,TALOJA, NAVI MUMBAI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8976 **Page No** 1 of 2

Validity 03/11/2022 to 02/11/2024 **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- LUBRICANTS	Lubricant Oils	ED-XRF Phosphorus	ASTM D 7751
2	CHEMICAL- LUBRICANTS	Lubricant Oils	Cold Cranking Simulator (CCS)	ASTM D -5293
3	CHEMICAL- LUBRICANTS	Lubricant Oils	Corrosiveness to Cu by Cu strip Test	ASTM D 130
4	CHEMICAL- LUBRICANTS	Lubricant Oils	Corrosiveness to Cu by Cu strip Test	IS 1448 (Part:15)
5	CHEMICAL- LUBRICANTS	Lubricant Oils	ED-XRF Calcium	ASTM D 7751
6	CHEMICAL- LUBRICANTS	Lubricant Oils	ED-XRF Zinc	ASTM D 7751
7	CHEMICAL- LUBRICANTS	Lubricant Oils	Flash point Cleveland open cup	ASTM D-92
8	CHEMICAL- LUBRICANTS	Lubricant Oils	Flash point Cleveland open cup	IS 1448 (Part:69)
9	CHEMICAL- LUBRICANTS	Lubricant Oils	Foaming Characteristics	ASTM D 892
10	CHEMICAL- LUBRICANTS	Lubricant Oils	Foaming Characteristics	IS 1448 (Part:67)
11	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity of Transparent & Opaque Liquids @100°C	ASTM D 445
12	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity of Transparent & Opaque Liquids @100°C	ASTM D 7042
13	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity of Transparent & Opaque Liquids @100°C	IS 1448 (Part:25)
14	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity of Transparent & Opaque Liquids @40°C	ASTM D 445
15	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity of Transparent & Opaque Liquids @40°C	IS 1448 (Part:25)
16	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity of Transparent & Opaque Liquids @40°C	ASTM D 7042
17	CHEMICAL- LUBRICANTS	Lubricant Oils	Moisture Crackle	IS 4543 App B
18	CHEMICAL- LUBRICANTS	Lubricant Oils	Pour Point	IS 1448: P: 10 : Sec 1
19	CHEMICAL- LUBRICANTS	Lubricant Oils	Pour Point	ASTM D 6749
20	CHEMICAL- LUBRICANTS	Lubricant Oils	Pour Point	ASTM D 97
21	CHEMICAL- LUBRICANTS	Lubricant Oils	Refractive Index	ASTM D- 1218

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22	CHEMICAL- LUBRICANTS	Lubricant Oils	Rust preventing characteristics	ASTM D 665
23	CHEMICAL- LUBRICANTS	Lubricant Oils	Sulfated Ash from Lubricating Oils	ASTM D 874
24	CHEMICAL- LUBRICANTS	Lubricant Oils	Total Acid Number by Potentiometric titration	ASTM D 664
25	CHEMICAL- LUBRICANTS	Lubricant Oils	Total Base Number by Potentiometric titration	ASTM D 2896
26	CHEMICAL- LUBRICANTS	Lubricant Oils	Total Base Number by Potentiometric titration	IS 1448 (Part:86)
27	CHEMICAL- LUBRICANTS	Lubricant Oils	Viscosity Index	ASTM D 2270
28	CHEMICAL- LUBRICANTS	Lubricant Oils	Water separability / Emulsion characteristics	ASTM D 1401
29	CHEMICAL- LUBRICANTS	Lubricant Oils	Water separability / Emulsion characteristics	IS 1448 (Part:91)
30	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	ASTM Colour test	ASTM D 1500
31	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	ASTM Colour test	IS 1448 (Part:12)
32	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	Density	ASTM D -1298
33	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	Density	ASTM D 4052
34	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	Density	IS 1448 (Part:16)
35	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	ERBP	ASTM D 1120
36	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	pH	ASTM D -1287
37	CHEMICAL- LUBRICANTS	Lubricant Oils/Coolant	Reserved Alkality (Ra)	ASTM D 1121
38	CHEMICAL- LUBRICANTS	Lubricants Oils	Rust preventing characteristics	IS 1448 (Part:96)