National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, VASHI GREASE PLANT, INDIAN OIL CORPORATION LIMITED, PLOT D 100, TTC, KUKSHET, VASHI, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5929 **Page No** 1 of 2

Validity 08/08/2022 to 07/08/2024 **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- LUBRICANTS	Greases	Analysis of Lubricating Grease, Ash%	ASTM D-128
2	CHEMICAL- LUBRICANTS	Greases	Analysis of Lubricating Grease. Free Alkali/Free Acidity	IS 1448:P 53
3	CHEMICAL- LUBRICANTS	Greases	Cone Penetration of Lubricating Grease	ASTM D-217
4	CHEMICAL- LUBRICANTS	Greases	Corrosion Preventive Properties of Lubricating Greases	ASTM D 1743
5	CHEMICAL- LUBRICANTS	Greases	Corrosiveness to Copper of Lubricating Greases - Copper Strip Method	IP-112/ 11
6	CHEMICAL- LUBRICANTS	Greases	Det. of Acidity & Alkalinity of Lubricating Grease	IP-37/04
7	CHEMICAL- LUBRICANTS	Greases	Dropping Point of Lubricating Grease	ASTM D-2265
8	CHEMICAL- LUBRICANTS	Greases	Dropping point of Lubricating Grease	ASTM D-566
9	CHEMICAL- LUBRICANTS	Greases	Heat Stability	ASTM D 6184
10	CHEMICAL- LUBRICANTS	Greases	Oxidation Stability of Lubricating Greases by the Oxygen Pressure Vessel Method	ASTM D-942
11	CHEMICAL- LUBRICANTS	Greases	Roll Stability of Lubricating Grease	ASTM D-1831
12	CHEMICAL- LUBRICANTS	Greases	Type of Soap	GPV/QC/WI/04
13	CHEMICAL- LUBRICANTS	Greases	Water Washout Characteristics of Lubricating Greases	ASTM D-1264
14	CHEMICAL- LUBRICANTS	Greases	Wheel Bearing Test	ASTM D-1263
15	CHEMICAL- LUBRICANTS	Oils	Acid and Base Number by Color-Indicator Titration	ASTM D 974
16	CHEMICAL- LUBRICANTS	Oils	ASTM Colour	ASTM D-1500
17	CHEMICAL- LUBRICANTS	Oils	Calculating Viscosity Index from Kinematic Viscosity at 40 C and 100 C	ASTM D-2270
18	CHEMICAL- LUBRICANTS	Oils	Crackle Test (Moisture)	IS 4543 Appendix B

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19	CHEMICAL- LUBRICANTS	Oils	Density, Relative Density, or API Gravity of Crude Petroleum & Liquid Petroleum Products by Hydrometer method	ASTM D-1298-12b
20	CHEMICAL- LUBRICANTS	Oils	Dynamic viscosity and density of liquids by Stabinger method (and the calculation of Kinematic Viscosity)	ASTM D 7042
21	CHEMICAL- LUBRICANTS	Oils	Flash point, Cleveland Open Cup	ASTM D-92
22	CHEMICAL- LUBRICANTS	Oils	Kinematic Viscosity of Transparent and Opaque Liquids	ASTM D-445
23	CHEMICAL- LUBRICANTS	Oils	Pour Point of Petroleum Products	ASTM D 97
24	CHEMICAL- LUBRICANTS	Oils	Refractive index at (20 Deg.C to 30 Deg. C)	ASTM D 1218
25	CHEMICAL- LUBRICANTS	Oils & Greases	Determination of rust prevention characteristics of Lubricant Greases EMCOR test	IP-220/17
26	CHEMICAL- LUBRICANTS	Oils & Greases	Water Content	ASTM D-95