National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, LBP SILVASSA, INDIAN OIL CORPORATION LIMITED, SILVASSA LUBE BLENDING PLANT, PLOT NO. 75/1, KARAJGAM, AMBOLI, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7381 **Page No** 1 of 2

Validity 18/02/2023 to 17/02/2025 **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	Automotive and Industrial Oil	Pour Point	ASTM D6749
2	CHEMICAL- LUBRICANTS	Automotive Lubricant, Industrial Lubricant	Determination of Calcium mass %	ASTM D6481
3	CHEMICAL- LUBRICANTS	Automotive Lubricant, Industrial Lubricant	Moisture	IS 4543 Appn B
4	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Acid No.	ASTM D974
5	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Apparent Viscosity	ASTM D5293
6	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Brookfield Viscosity	ASTM D2983
7	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Calcium weight %	ASTM D7751
8	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Copper Corrosion	ASTM D130
9	CHEMICAL- LUBRICANTS	Automotive Lubricants and Industrial Lubricants	Determination of Phosphorus mass %	ASTM D6481
10	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Determination of Zinc mass %	ASTM D6481
11	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Evaporation Loss % weight	ASTM D5800
12	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Flash Point	ASTM D92
13	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Flash Point	ASTM D93
14	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Phosphorous weight %	ASTM D7751
15	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Total Base Number	ASTM D2896
16	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Viscosity at HTHS (High Temperature and High Shear Rate)	ASTM D4683
17	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial lubricants	Viscosity Index	ASTM D2270
18	CHEMICAL- LUBRICANTS	Automotive lubricants and Industrial Lubricants	Zinc weight %	ASTM D7751
19	CHEMICAL- LUBRICANTS	Automotive Lubricants, Industrial Lubricants	Appearance	Visual SOP No. IOC/LBPSIL-M/01:2017,Issue date 01.12.2017 Rev Nil
20	CHEMICAL- LUBRICANTS	Automotive Lubricants, Industrial Lubricants	Colour	ASTM D 1500
21	CHEMICAL- LUBRICANTS	Automotive Lubricants, Industrial Lubricants	Density	ASTM D1298
22	CHEMICAL- LUBRICANTS	Automotive Lubricants, Industrial Lubricants	Kinematic viscosity of transparent and opaque liquids @ 100 °C	ASTM D445
23	CHEMICAL- LUBRICANTS	Automotive Lubricants, Industrial Lubricants	Kinematic viscosity of transparent and opaque liquids @ 40 °C	ASTM D445

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24	CHEMICAL- LUBRICANTS	Automotive Oil, Industrial Oil	Pour Point	ASTM D97
25	CHEMICAL- LUBRICANTS	Industrial and Automotive Lubricant	Density @ 15 °C	ASTM D7042
26	CHEMICAL- LUBRICANTS	Industrial and Automotive Lubricant	Density @ 29.5 °C	ASTM D7042
27	CHEMICAL- LUBRICANTS	Industrial and Automotive Lubricant	Foam Test	ASTM D892
28	CHEMICAL- LUBRICANTS	Industrial and Automotive Lubricant	Viscosity @ 100 °C	ASTM D7042
29	CHEMICAL- LUBRICANTS	Industrial and Automotive Lubricant	Viscosity @ 40 °C	ASTM D7042