National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BALMER LAWRIE & CO. LTD, QA LABORATORY, P-43, HIDE ROAD EXTENSION, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5536 **Page No** 1 of 2

Validity 30/04/2022 to 29/04/2024 **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	GREASE	Consistency of unworked Grease	IS 1448 P:60
2	CHEMICAL- LUBRICANTS	Grease	Consistency of unworked grease	ASTM D217
3	CHEMICAL- LUBRICANTS	Grease	Consistency of worked Grease (10000 Strokes)	IS 1448 P:60
4	CHEMICAL- LUBRICANTS	Grease	Consistency of worked grease (10000 Strokes)	ASTM D217
5	CHEMICAL- LUBRICANTS	Grease	Consistency of worked Grease (60 Strokes)	IS 1448 P:60
6	CHEMICAL- LUBRICANTS	Grease	Consistency of worked grease (60 Strokes)	ASTM D217
7	CHEMICAL- LUBRICANTS	Grease	Determination of Acidity /Alkalinity of Grease	IS 1448 P:53
8	CHEMICAL- LUBRICANTS	Grease	Determination of Acidity/Alkalinity of Grease	ASTM D 128
9	CHEMICAL- LUBRICANTS	Grease	Dropping Point	ASTM D 566
10	CHEMICAL- LUBRICANTS	Grease	Dropping Point of Grease	IS 1448 P:52
11	CHEMICAL- LUBRICANTS	Grease	Evaporation Loss of Grease	IS 1448 Part 61
12	CHEMICAL- LUBRICANTS	Grease	Four Ball Weld Load	ASTM D2596
13	CHEMICAL- LUBRICANTS	Grease	Four Ball Weld Load	IP239
14	CHEMICAL- LUBRICANTS	Grease	Heat Stability of Grease	IS 1448 Part 62 ; Method A
15	CHEMICAL- LUBRICANTS	Grease	Oil Separation On Storage Of Grease	IS 1448 Part 85
16	CHEMICAL- LUBRICANTS	Grease	Thermal Stability Of Grease	IS 1448 Part 89
17	CHEMICAL- LUBRICANTS	Grease	Water Content by Distillation (Dean & Stark Apparatus)	ASTM D 95
18	CHEMICAL- LUBRICANTS	Grease	Water Content by Distillation (Dean & Stark Apparatus)	IS 1448 P:40
19	CHEMICAL- LUBRICANTS	Lubricant	Acid Value	IS 548 Part 1
20	CHEMICAL- LUBRICANTS	Lubricant	Appearance	SOP-1 Issue No:01
21	CHEMICAL- LUBRICANTS	Lubricant	Cold Cranking Simulator	ASTM D 5293
22	CHEMICAL- LUBRICANTS	Lubricant	Colour by visual	SOP-2: Issue No.: 01
23	CHEMICAL- LUBRICANTS	Lubricant	Colour,ASTM	ASTM D 1500

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24	CHEMICAL- LUBRICANTS	Lubricant	Colour,ASTM	IS 1448 P:12
25	CHEMICAL- LUBRICANTS	Lubricant	Copper Strip Corrosion	ASTM D 130
26	CHEMICAL- LUBRICANTS	Lubricant	Copper Strip Corrosion	IS 1448 P:15
27	CHEMICAL- LUBRICANTS	Lubricant	Crackle Test	SOP-03 Issue No.: 01
28	CHEMICAL- LUBRICANTS	Lubricant	Density @ 29 .5°C	ASTM D 7042
29	CHEMICAL- LUBRICANTS	Lubricant	Density @ 29.5°C	ASTM D 1298
30	CHEMICAL- LUBRICANTS	Lubricant	Density @ 29.5°C	IS 1448 P:16
31	CHEMICAL- LUBRICANTS	Lubricant	Emulsion Characteristics	ASTM D 1401
32	CHEMICAL- LUBRICANTS	Lubricant	Emulsion Characteristics	IS 1448 P:91
33	CHEMICAL- LUBRICANTS	Lubricant	Flash Point (COC)	ASTM D 92
34	CHEMICAL- LUBRICANTS	Lubricant	Flash Point (COC)	IS 1448 P:69
35	CHEMICAL- LUBRICANTS	Lubricant	Foaming Characteristics	ASTM D 892
36	CHEMICAL- LUBRICANTS	Lubricant	Foaming Characteristics	IS 1448 P:67
37	CHEMICAL- LUBRICANTS	Lubricant	Four Ball Weld Load	ASTM D2783
38	CHEMICAL- LUBRICANTS	Lubricant	Kinematic Viscosity @ 100°C	ASTM D 7042
39	CHEMICAL- LUBRICANTS	Lubricant	Kinematic Viscosity @ 100°C	ASTM D445
40	CHEMICAL- LUBRICANTS	Lubricant	Kinematic Viscosity @ 100°C	IS 1448 P:25
41	CHEMICAL- LUBRICANTS	Lubricant	Kinematic Viscosity @ 40°C	ASTM D 7042
42	CHEMICAL- LUBRICANTS	Lubricant	Kinematic Viscosity @ 40°C	ASTM D445
43	CHEMICAL- LUBRICANTS	Lubricant	Kinematic Viscosity @ 40°C	IS 1448 P:25
44	CHEMICAL- LUBRICANTS	Lubricant	Pour Point	ASTM D 97
45	CHEMICAL- LUBRICANTS	Lubricant	Pour Point	IS 1448 P:10
46	CHEMICAL- LUBRICANTS	Lubricant	Saponification Value	IS 548 Part 1
47	CHEMICAL- LUBRICANTS	Lubricant	Total Base Number	ASTM D2896
48	CHEMICAL- LUBRICANTS	Lubricant	Total Base Number	IS 1448 P:86
49	CHEMICAL- LUBRICANTS	Lubricant	Viscosity Index	ASTM D 2270
50	CHEMICAL- LUBRICANTS	Lubricant	Viscosity Index	IS 1448 P:12
51	CHEMICAL- LUBRICANTS	Lubricant	Water Content by Distillation (Dean & Stark Apparatus)	ASTM D95
52	CHEMICAL- LUBRICANTS	Lubricant	Water Content by Distillation (Dean & Stark Apparatus)	IS 1448 P:40