National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SIDDHARTH TECHNOLOGY CENTRE, PLOT NO-13, SECTOR 3, IMT MANESAR, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6331 **Page No** 1 of 2

Validity 07/08/2021 to 06/08/2023 **Last Amended on** 13/09/2021

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	Lubricating Oils	Pour Point of Lubricating Oils	ASTM D 97
2	CHEMICAL- LUBRICANTS	Greases	Four Ball Antiwear	ASTM D 2266
3	CHEMICAL- LUBRICANTS	Greases	Leakage Tendency	ASTM D 1263
4	CHEMICAL- LUBRICANTS	Greases	Oil Separation	IP 121
5	CHEMICAL- LUBRICANTS	Lubricating Greases	Antiwear test - Four Ball Tester	ASTM D 2266
6	CHEMICAL- LUBRICANTS	Lubricating Greases	Conical Sieve-Oil Separation	ASTM D 6184
7	CHEMICAL- LUBRICANTS	Lubricating Greases	Corrosion Preventive Properties of Lubricating Grease under dynamic wet conditions (Emcor Test)	ASTM D 6138
8	CHEMICAL- LUBRICANTS	Lubricating Greases	Detection of corrosiveness of greases towards copper	ASTM D 4048
9	CHEMICAL- LUBRICANTS	Lubricating Greases	Dropping Point of Greases	ASTM D 566
10	CHEMICAL- LUBRICANTS	Lubricating Greases	High Temperature Dropping Point of Greases	ASTM D 2265
11	CHEMICAL- LUBRICANTS	Lubricating Greases	Oil Separation during storage	ASTM D 1742
12	CHEMICAL- LUBRICANTS	Lubricating Greases	Oxidation Stability	ASTM D 942
13	CHEMICAL- LUBRICANTS	Lubricating Greases	Penetration-Full Cone	ASTM D 217
14	CHEMICAL- LUBRICANTS	Lubricating Greases	Penetration-Half Cone	ASTM D 1403
15	CHEMICAL- LUBRICANTS	Lubricating Greases	Roll Stability	ASTM D 1831
16	CHEMICAL- LUBRICANTS	Lubricating Greases	Static Rust Test	ASTM D 1743
17	CHEMICAL- LUBRICANTS	Lubricating Greases	Water washout	ASTM D 1264
18	CHEMICAL- LUBRICANTS	Lubricating Greases	Weld Load-Four Ball Tester	ASTM D 2596
19	CHEMICAL- LUBRICANTS	Lubricating Oil & Greases	Acid Number of Petroleum Products by Potentiometric Titration	ASTM D664
20	CHEMICAL- LUBRICANTS	Lubricating Oils	Additive Elements in Lubricating Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (S-Sulphur, Ca-Calcium, P-Phosphorous, Zn-Zinc, Mo-Molybdenum, B-Boron, Ba-Barium, Mg-Magnesium, Na-Sodium)	ASTM D4951

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21	CHEMICAL- LUBRICANTS	Lubricating oils	Antiwear-Four ball Tester	ASTM D 4172
22	CHEMICAL- LUBRICANTS	Lubricating Oils	Copper Corrosion	ASTM D 130
23	CHEMICAL- LUBRICANTS	Lubricating Oils	Cranking viscosity of lubricating Oils	ASTM D 5293
24	CHEMICAL- LUBRICANTS	Lubricating oils	Demulsibility	ASTM D 1401
25	CHEMICAL- LUBRICANTS	Lubricating Oils	Density	ASTM D 1298
26	CHEMICAL- LUBRICANTS	Lubricating Oils	Evaportion loss percentage of lubricating oils	ASTM D 5800
27	CHEMICAL- LUBRICANTS	Lubricating Oils	Flash Point of Lubricating Oils	ASTM D 92
28	CHEMICAL- LUBRICANTS	Lubricating Oils	Foaming Characteristics-Sequence I to III	ASTM D 892
29	CHEMICAL- LUBRICANTS	Lubricating Oils	Kinematic Viscosity at 100 °C	ASTM D 445
30	CHEMICAL- LUBRICANTS	Lubricating Oils	Kinematic viscosity at 40 °C	ASTM D 445
31	CHEMICAL- LUBRICANTS	Lubricating Oils	pumping viscosity and yield stress of lubricating oils	ASTM D 4684
32	CHEMICAL- LUBRICANTS	Lubricating oils	Weld Load-Four Ball Tester	ASTM D 2783
33	CHEMICAL- LUBRICANTS	Lubricating Oils & Greases	Determination of extreme pressure and anti-wear properties of lubricating fluids and greases - Four ball method	IP 239
34	CHEMICAL- LUBRICANTS	Lubricating Oils and Greases	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	ASTM D2896