



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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 / 2

Validity 07/08/2019 to 06/08/2021 Last Amended on 14/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL-LUBRICANTS	Greases	Copper Corrosion	ASTM D 4048: 2016	Qualitative(Rating 1a to 4c)
2	CHEMICAL-LUBRICANTS	Greases	Corrosion Prevention	ASTMD1743: 2018	Qualitative((Pass/Fail))
3	CHEMICAL-LUBRICANTS	Greases	Corrosion Preventive Properties of Lubricating Grease under dynamic wet conditions (Emcor Test)	ASTM D 6138: 2018	Qualitative(Rating 0 to 5)
4	CHEMICAL-LUBRICANTS	Greases	Deleterious Particles	ASTM D 1404: 2014	0 to 200
5	CHEMICAL-LUBRICANTS	Greases	Dropping Point	ASTM D 2265: 2015	116 °C to 304 °C
6	CHEMICAL-LUBRICANTS	Greases	Dropping Point	ASTMD 566: 2017	50 °C to 288 °C
7	CHEMICAL-LUBRICANTS	Greases	Four Ball Antiwear	ASTM D 2266: 2015	0.01 mm to 2 mm
8	CHEMICAL-LUBRICANTS	Greases	Four ball Weld Load	ASTM D 2596: 2015	06 Kg to 800 Kg
9	CHEMICAL-LUBRICANTS	Greases	Leakage Tendency	ASTM D 1263: 1999	0 gm to 10 gm
10	CHEMICAL-LUBRICANTS	Greases	Oil Separation	ASTMD6184: 2017	0 % to 30 %
11	CHEMICAL-LUBRICANTS	Greases	Oil Separation	IP 121: 2011	0 % to 20 %
12	CHEMICAL-LUBRICANTS	Greases	Oil Separation of Graeses	ASTM D 1742: 2018	0 % to 5 %



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13	CHEMICAL-LUBRICANTS	Greases	Oxidation of Greases	ASTM D 942: 2015	0 psi to 55 psi
14	CHEMICAL-LUBRICANTS	Greases	Penetration half cup	ASTM 1403: 2018	85 to 475
15	CHEMICAL-LUBRICANTS	Greases	Penetration of Greases	ASTM 217: 2017	80 to 475
16	CHEMICAL-LUBRICANTS	Greases	Roll Stability	ASTM D 1831: 2018	0 to 100
17	CHEMICAL-LUBRICANTS	Greases	Water Washout	ASTM D 1264: 2018	0 % to 20 %
18	CHEMICAL-LUBRICANTS	Lubricating oil	Kinematic Viscosity at 100 Degree Celsius	ASTM D 445: 2018	0.2 cSt to 30000 cSt
19	CHEMICAL-LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 40 Degree Celsius	ASTM D 445: 2018	0.2 cSt to 30000 cSt
20	CHEMICAL-LUBRICANTS	Lubricating oils	Antiwear of lubricating oils	ASTM D 4172: 2018	0.1 mm to 2.0 mm
21	CHEMICAL-LUBRICANTS	Lubricating oils	Copper Corrosion	ASTM D 130: 2018	Qualitative(Rating 1a to 4c)
22	CHEMICAL-LUBRICANTS	Lubricating Oils	Demulsibility	ASTM D 1401: 2018	0 ml to 80 ml
23	CHEMICAL-LUBRICANTS	Lubricating Oils	Density	ASTM D 1298: 2017	600 Kg/m ³ to 1100 Kg/m ³
24	CHEMICAL-LUBRICANTS	Lubricating oils	Four Ball Weld Load	ASTM D 2783: 2014	6 Kg to 800 Kg