National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CAPRON OIL MANAGEMENT AND ENGINEERING SOLUTIONS PVT. LTD., S.K.INDUSTRIAL PLAZA , MOUZA-KALAGACHIA,ASHUTI-2 NO. , GRAM PANCHAYAT , P.S-MAHESHTALA, KOLKATA, 24 PARAGANAS SOUTH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9750 **Page No** 1 of 2

Validity 11/08/2021 to 10/08/2023 **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	Hydraulic & Lubrication oi	Determination of Water by Karl Fischer Titration	IS 2362
2	CHEMICAL- LUBRICANTS	Hydraulic & Lubrication oil	' Coding the level of contamination (> 14 micron size)	ISO 4406
3	CHEMICAL- LUBRICANTS	Hydraulic & Lubrication oil	Coding the level of contamination (> 4 micron size)	ISO 4406
4	CHEMICAL- LUBRICANTS	Hydraulic & Lubrication oil	Coding the level of contamination (> 6 micron size)	ISO 4406
5	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Kinematic Viscosity at 100°C	ASTM D445 (a)
6	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Kinematic Viscosity at 40°C	ASTM D445 a
7	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Kinematic Viscosity at 40°C	IS 1448 P : 25 Sec:1
8	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Viscosity Index	ASTM D2270
9	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Viscosity Index	IS 1448 P : 56
10	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Aluminium as Al	ASTM D 5185
11	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	COC Flash Point	ASTM D92
12	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Kinematic Viscosity at 100°C	IS 1448 P : 25 Sec 1
13	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Total Acid Number (TAN)	ASTM D664 e2
14	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Barium as Ba	ASTM D 5185
15	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Boron as B	ASTM D 5185
16	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Calcium as Ca	ASTM D 5185
17	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Chromium as Cr	ASTM D 5185
18	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Copper as Cu	ASTM D 5185
19	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Iron as Fe	ASTM D 5185
20	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Lead as Pb	ASTM D 5185
21	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Magnesium as Mg	ASTM D 5185
22	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Manganese as Mn	ASTM D 5185
23	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Microscopic Characterization of Particles by Analytical Ferrography	ASTM D 7690
24	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Molybdenum as Mo	ASTM D 5185

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25	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Nickel as Ni	ASTM D 5185
26	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Phosphorous as P	ASTM D 5185
27	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Potassium as K	ASTM D 5185
28	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Silicon as Si	ASTM D 5185
29	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Silver as Ag	ASTM D 5185
30	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Sodium as Na	ASTM D 5185
31	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Tin as Sn	ASTM D 5185
32	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Titanium as Ti	ASTM D 5185
33	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Total Base Number	ASTM D2896
34	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Total Base Number	IS 1448 P : 86
35	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Vanadium as V	ASTM D 5185
36	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Water by Coulometric Karl Fischer Titration	ASTM D 6304
37	CHEMICAL- LUBRICANTS	Hydraulic and Lubricating Oil	Zinc as Zn	ASTM D 5185
38	CHEMICAL- LUBRICANTS	Hydraulic and lubrication oil	COC Flash Point, °C	IS 1448: P : 69