

**Laboratory** Capron Oil Management & Engineering Solutions Pvt. Ltd.,  
Mouza-Kalagachia, Ashuti-2 No., Gram Panchayat, P.S- Maheshtala,  
Dist. South-24 Parganas, West Bengal

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-6668

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**Validity** 26.12.2017 to 25.12.2019

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

I.	LUBRICANTS			
1.	Oils & Greases	Density	IS 1448 P : 16 ASTMD1298	800 kg/m <sup>3</sup> to 1100 kg/m <sup>3</sup>
		COC Flash Point	IS 1448: P : 69 ASTM D92	79 °C to 400°C
		Kinematic Viscosity at 40°C	ASTM D445 IS 1448 P : 25	1 cSt to 800 cSt
		Kinematic Viscosity at 100°C	ASTM D445 IS 1448 P : 25	2 cSt to 100 cSt
		Viscosity Index	IS 1448 P : 56 ASTM D2270	40 to 250
		TAN	ASTM D664 IS 1448 P : 1/SEC : 1	0 to 5 mg KOH/gm
		TBN	ASTM D2896 IS 1448 P : 86	1 mg KOH/gm to 60 mg KOH/gm
		Particle Count and Distribution	ISO 4406 (c)	Particles ≥ 4 μ - 0 to 28 ISO Code Particles ≥ 6 μ - 0 to 28 ISO Code Particles ≥1 4 μ - 0 to 28
		Water Content	ASTM D 1744 IS 2362	0.005% to 1.000 %

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