

Laboratory Kanpur Terminal Laboratory, Indian Oil Corporation Limited (M.D),
Panki, Kanpur, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7274

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Validity 18.05.2018 to 17.05.2020

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.	PETROLEUM AND PRODUCTS			
1.	Superior Kerosine Oil	Colour	IS 1448 (Part 13): 1960 (RA 2013)	0.25 to 4.0
		Smoke Point	IS 1448 (Part 31): 2017	0 to 50 mm
2.	Motor Gasoline/ Superior Kerosine Oil/High Speed Diesel	Density	IS 1448 (Part 16): 2014	600 kg/m ³ to 900 kg/m ³
		Distillation	IS 1448 (Part 18): 1991 (RA 2010)	35 °C to 400 °C
		Temp.		0 to 100 % Vol.
		% Vol		17 mg/kg to 2500 mg/kg
		Total Sulphur	ASTM D-4294-10,2010 ISO 20847:2004 (E)	1 a to 4 c
		Copper Strip Corrosion Test (rating)	IS 1448 (Part 15): 2004 (RA 2011)	19 °C to 70 °C
3.	Superior Kerosine Oil/High Speed Diesel	Flash Point (Abel)	IS 1448 (Part 20): 1998 (RA 2013)	1.0 cSt to 5.0 cSt
4.	High Speed Diesel	K.V @ 40 °C	IS 1448 (Part 25): 1976 (RA 2013)	-15 °C to 15 °C
		Pour Point	IS 1448 (Part 10 & Sec. 2): 2013	0 to 50 g/m ³
5.	Motor Gasoline	Existent Gum	IS 1448 (Part 29): 2004 (RA 2016)	

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