

Laboratory Indian Oil Corporation Limited (Marketing Division), Lucknow Terminal Laboratory, Post-Amausi, Lucknow, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 24.04.2015

Certificate Number T-2272 **Valid Until** 23.04.2017

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. PETROLEUM PRODUCT				
1.	MS/SKO/HSD	Appearance	LTAS/Appearance/01 Issue Date 28.04.2015	Qualitative
		Colour	LTAS/Colour/02 Issue Date 28.04.2015	Qualitative
		Density	IS1448 (Part 16): 1998 (RA 2007)	700 kg/m ³ to 900 kg/m ³
		Distillation	IS1448 (Part 18): 1991 (RA 2006)	25 °C to 400 °C
		Copper Strip test	IS1448 (Part 15): 2004	1 to 4
2.	SKO/HSD	Flash Point	IS1448 (Part 20): 1998	20 °C to 66.5 °C
3.	HSD	Kinematic Viscosity	IS1448 (Part 25): 1976 (RA 2002)	1.00 cSt to 6.00 cSt
		Pour Point	IS1448 (Part 10): 1970 (RA 2003)	(-) 6 °C to 50 °C
4.	SKO	Smoke Point	IS1448 (Part 31): 1968 (RA 2003)	10 mm to 50 mm
5.	MS	Existent Gum	IS1448 (Part 29): 2004	(0.5 to 50) mg/100 ml
		RON	ASTM D 2699-2011	85 to 98
6.	MS/HSD	Sulphur	ASTM D 4294/ ISO 20847: 2004	10 mg/kg to 800 mg/kg

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