

Laboratory Zavenir Technology Centre, 57th K.M. Stone, Delhi Jaipur Highway,
Binola, District Gurugram, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6931

Page 1 of 2

Validity 20.02.2018 to 19.02.2020

Last Amended on 26.04.2019

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			
1.	Fuel Additives Including Corrosion Preventives, Solvents, Corrosion Preventives Additives	Colour Identification	IS 1448:(P-12)	0.5 to 8
		Kinematic Viscosity@40 °C	IS 1448:(P-25)	0.60 cSt to100 cSt
		Flash Point-PMCC	IS 1448:(P-21)	40 °C to100 °C
		Specific Gravity @ 15 °C	IS 1448:(P-16)	0.70 to 1.00
		Total Acid Number	ASTM D 974	(0.03 to 500) mg KOH/ g
		Non Volatile Matter	ASTM D 2369	0.5% to 95%
		Moisture by Karl Fischer	IS 2362	0.005% to 20%
		Particulate Contamination	ASTM D 5452	(0.5 to 1000) mg/100ml
		Oil Film Thickness	IS 1154	0.30 µm to 200 µm
			Humidity Resistance Test	IS 101:(P-6) Sec 1
2.	Lubricants (Oils & Greases) Metal Working Fluids (Neat), Base Oils, Waxes	Colour Identification	IS 1448:(P-12)	0.5 to 8
		Kinematic Viscosity@40°C	IS 1448:(P-25)	4.0 cSt to 500 cSt
		Flash Point-COC	IS 1448:(P-69)	80 °C to 300.0 °C
		Specific Gravity @ 20 °C	IS 1448:(P-16)	0.80 to 1.40
		Total Acid Number	ASTM D 974	(0.03 to 500) mg KOH/ g
		Non Volatile Matter	ASTM D 2369	0.005% to 95%
		Moisture by Karl Fischer	IS 2362	0.005% to 95%
		Aniline Point	IS 1448:(P-3)	60 °C to 100 °C
3.	Miscellaneous Products, White Oil, Anti-Freeze, Solvents Insulation Oils, Feed-Stock Metal Working Fluids (Water Soluble & Cleaners), Rust Removers	Colour Identification	IS 1448:(P-12)	0.5 to 8
		pH Value	IS 3025	2.0 to 13
		Conductivity	IS 13673:(P-3)	upto 1999 µS
		Thermal Stability of Emulsifiable Oil	IS 1448:(P-100)	Qualitative
		Emulsion Stability of Emulsifiable Oils	IS 1448:(P-98)	Qualitative

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MECHANICAL TESTING

I.	PLASTICS AND PLASTIC PRODUCTS			
1.	VCI Polyfilms	Thickness	IS 2508	(50 to 1200) micron
		Dimensions (Length, Width)	IS 2508	10 mm to 40,000 mm
		GSM	IS 2508	5 g/m ² to 1500 g/m ²
		Tensile Load	IS 13360 (Part 5/Sec 3)	0.25 kg to 95 kg
		Percentage Elongation	IS 13360 (Part 5/Sec 3)	20 % to 1500 %
		Dart Impact Resistance	IS 13360 (Part 5/Sec 6)	80 g to 990 g
II.	PAPER & PAPER PRODUCTS			
1.	Raw Paper, VCI Coated paper, VCI Coated paper poly laminated & VCI coated paper HDPE woven laminated	Thickness	IS 1060 (Part 1)	(50 to 1200) micron
		GSM	IS 1060 (Part 1)	5 g/m ² to 1500 g/m ²
		Dimensions	IS 1060 (Part 1)	10 mm to 10000 mm
		Bursting Strength	IS 1060 (Part 1)	0.5 kg/cm ² to 50 kg/cm ²
		Tear Strength	IS 1060 (Part 1)	32 GF to 1600 GF
		Condensation test/ VIA/ DV 514 Test	IS 6263	Qualitative