Green Oil Check
PROFESSIONAL LUBRICANTS ANALYSIS LABORATORY ROMANIA

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Laboratory analysis list

Code	Analysis Name	Method	Sample Amount
L01	Kinematic Viscosity at20 ^{0}C, 40 ^{0}C, 50 ^{0}C, 100 ^{0}C	ASTM D 445 17a; SR EN ISO 3104:02	20 ml
L02	Viscosity Index	ASTM D2270-10;	40 ml
L03	Density by Pycnometer	SR EN ISO 3838:10	25 ml
L04	TBN - Base Number of Petroleum Products by Potentiometric Perchloric; Acid Titration	ASTM D 2896 - 15. SR EN ISO 3771:11	50 gr
L05	AN – Acid Number by Color-Indicator Titration	ASTM D 664-07	50 gr
L06	Foaming Characteristics of Lubricating Oils	ASTM D 892-06; SR ISO 6247+C1:06	600 ml
L07	Elemental Analysis by Atomic Emission Spectrometry	ASTM D 6595-17	2 ml
L08	IR Spectrometry Scan : TBN, TAN, Oxidation, Nitration, Sulfation, Soot, AW Additive, Water (ppm), Glycol, Antioxidant Depletion	ASTM D 4739,ASTM D 664, ASTM D 7889, ASTM D 6304, ASTM F 2412	600 ml
L09	Rust- Preventing of Oils in the Presence of	ASTM D 665; SR EN ISO 7120	600 ml
L10	Water Separability Characteristics	ASTM D1401-02; STAS 56-84	100 ml
L11	Aparent Viscosity of Engine oils using CCS	ASTM D5293-17	60 ml
L12	Flash & Fire Point by Cleveland Open Cup	ASTM D 92-18; SR EN ISO2592:02	100 ml
L13	Pour Point	SR EN ISO 2719	100 ml
L14	Water content - method of distillation	ASTM D 95-13 E1; SR 13484-2012	100 ml
L15	Water & Sediment	ASTM D 1796	50 ml
L16	Ash from Petroleum Products	ASTM D 874-94; SR ISO 3987+C1:13	50 gr
L17	Acidity Index (AN)	ASTM D 974-14e1	50 ml
L18	Low-Tempcrature Viscosity bv Brookfield	ASTM D 2983-17	50 ml
L19	Copper corrosion by the Copper Strip Tarnish Test	SR EN ISO 2160:03; ASTM D130-04	70 ml
L20	Particle Count	ISO 4406; SAE 4059; NAS 1638	600 ml
L21	Penetration of Lubricating Grease	ASTM D 217-17; SR EN ISO 2137:12	500 gr
L22	Dropping Point of Lubricating Grease	ASTM D 566-17;	10 gr
L23	Oil Separation and Evaporation losses of Grease	ASTM D 6184; STAS 11618	5 gr
L24	Insoluble in Used Lubricating Oils	ASTM D 893; STAS 10632	200 ml
L25	Fuel Dilution in used oils	STAS 3981-73, STAS 11252-90	25 ml
L26	Metals Corrosion of Lubricating Grease	STAS 8206-68	50 gr
L27	Water Stability of Lubricating Grease	DIN 51807-1	1 gr
L28	PQ Index	ASTM D 8I2O	50 gr