

OIL ANALYSIS REPORT

REFERENCE

Client:	Nicholas Reich (PMC01)	P.O. No	11752	Sample No:	M1274250
E-mail:	nreich@tribologik.com	Work Order		Authorized by:	BQ
Company:	Predictive Maintenance Cor...	Sent Date:			2022-06-17

EQUIPMENT

Apparatus Type:	XFMR	KV:	13.2	Sampling Point:	STORAGE TANK
Location:	4° TRAFO	MVA:	0.2	Oil Temp. (°C):	19
Equipment No:	T1	Oil type:	Mineral Oil	Sampled by:	
Serial No.:	1174140	Year built:	1977	Sampling Date:	2022-05-15 21:00
Additional info:	0333-22				
Description:	HILANDERIA CUMBAYA				

DGA

Previous	2022-05-15	Parameter	Screening Code(T/R)	Test Method
		Hydrogen		D3612-17
		Acetylene		ppm (V/V)
		Ethane		at 273 K
		Ethylene		and 760 Torr
		Methane		
		Carbon Monoxide		
		Carbon Dioxide		
		Nitrogen		
		Oxygen		
		TDCG (ppm)		
		Total Dissolved Gas (%)		

OIL QUALITY

Previous	2022-05-15	Parameter	Screening Code(T/R)	Test Method
		Moisture in Oil (ppm)		WI017-00
		Moisture in Oil (ppm)		D 1533-20
		Interfacial Tension (mN/m)		D 971-20
		Acid Number (mg KOH/g)		D 974-14e2
		Color Number		D1500-12
		Visual Examination		D 1524-15
		Dielectric Breakdown (kV)		D 877M-19
		Dielectric Breakdown 2 mm (kV)		D 1816-19
		Power Factor @ 25 °C (%)		D 924-15
		Power Factor @ 100 °C (%)		D 924-15
		Specific Gravity		D 1298-12b
		Oxidation Inhibitor DBP (wt. %)		D 4768-11(2019)
		Oxidation Inhibitor DBPC (wt. %)		D 4768-11(2019)
		PCB - Total Arochlor Content (ppm)		D 4059-2018
		Corrosive Sulphur Copper		D 1275-15
	< 5	5-hydroxymethyl-2-furaldehyde (ppb)		D 5837-15
	< 5	furfuryl alcohol (ppb)		D 5837-15
	156	2-furaldehyde (ppb)		D 5837-15
	< 5	2-acetylfuran (ppb)		D 5837-15
	< 5	5-methyl-2-furaldehyde (ppb)		D 5837-15

COMMENTS:

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