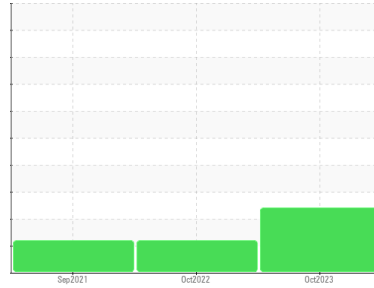




OIL ANALYSIS REPORT

Sample Rating Trend



COMBUSTION



Machine Id
STATION SERVICES G16459-1

Component
Transformer Oil

Fluid
TRANSFORMER MINERAL API II (1535 GAL)

DIAGNOSIS

Recommendation

We recommend an early resample to monitor this condition. No other corrective action is recommended at this time. Diagnostician`s Note: Syringe only received, no sample bottle received so standard testing (IFT, acidity, dielectric, power factor) could not be tested.

Wear

{not applicable}

Contamination

Carbon Monoxide >=350 (0.035%), Carbon Dioxide >=2500 (0.25%): Thermal decomposition of cellulose.

Fluid Condition

The condition of the transformer oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0850746	WC0752820	WC0626085
Sample Date	Client Info		24 Oct 2023	31 Oct 2022	23 Sep 2021
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			MARGINAL	MARGINAL	MARGINAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.0035	NEG	NEG	NEG

DISSOLVED GAS ANALYSIS (DGA)

	method	limit/base	current	history1	history2
DGA - H2	ppm	ASTM D3612(e)*	4	2	2
DGA - O2	ppm	ASTM D3612(e)*	8186	7461	11239
DGA - N2	ppm	ASTM D3612(e)*	72639	48773	77464
DGA - CO	ppm	ASTM D3612(e)*	▲ 406	268	330
DGA - CO2	ppm	ASTM D3612(e)*	▲ 3396	▲ 2519	▲ 3177
DGA - Methane	ppm	ASTM D3612(e)*	6	4	5
DGA - Acetylene	ppm	ASTM D3612(e)*	0	0	0
DGA - Ethylene	ppm	ASTM D3612(e)*	3	2	2
DGA - Ethane	ppm	ASTM D3612(e)*	0	0	0
DGA - Total Gas Content	%	ASTM D3612(e)*	84640	59029	92219
DGA - Total Combustible Gas	ppm	ASTM D3612(e)*	419	276	339

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	---	NONE
Yellow Metal	scalar	Visual*	NONE	---	NONE
Precipitate	scalar	Visual*	NONE	---	NONE
Silt	scalar	Visual*	NONE	---	NONE
Debris	scalar	Visual*	NONE	---	NONE
Sand/Dirt	scalar	Visual*	NONE	---	NONE
Appearance	scalar	Visual*	NORML	---	NORML
Odor	scalar	Visual*	NORML	---	NORML

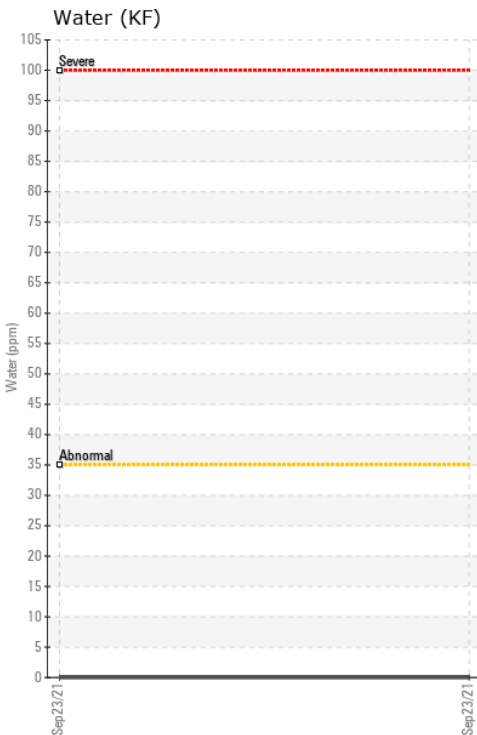
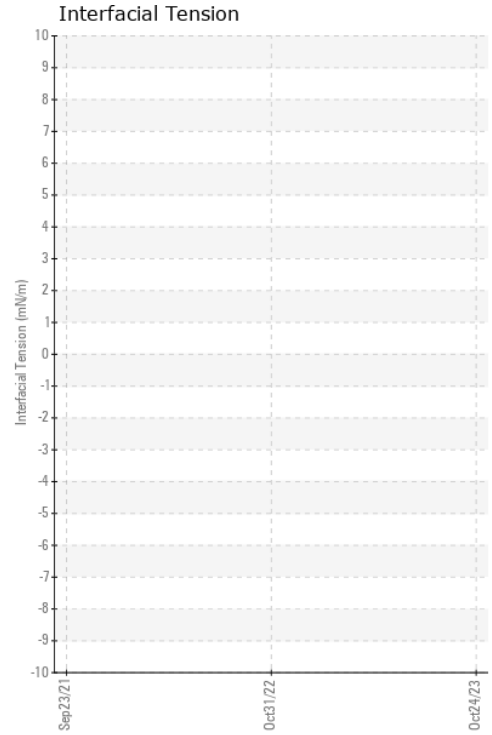
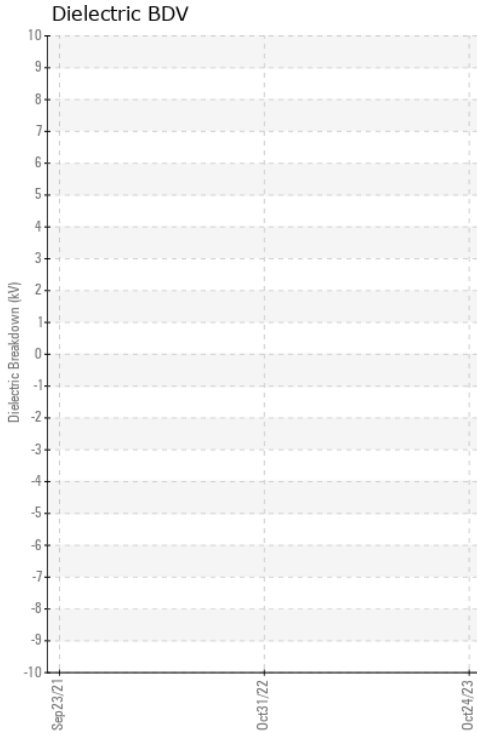
SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color			<i>no image</i>		
Bottom			<i>no image</i>		



OIL ANALYSIS REPORT

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0850746
Lab Number : 02592855
Unique Number : 5669934
Test Package : TEST (Additional Tests: DGA)

BRODER ELECTRIC
 14 GRENFELL CRESCENT, SUITE 100
 NEPEAN, ON
 CA K2G 0G2
 Contact: Carly Joudoin
 carly@broderelectric.ca
 T: (613)224-1176
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.