



OIL ANALYSIS REPORT

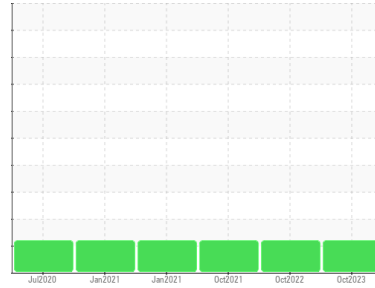
Sample Rating Trend

COMBUSTION



Machine Id
PIONEER TRAIL ROAD G3 XFMR (S/N G14062-3)

Component
Transformer Oil
Fluid
NOT GIVEN (1935 LTR)



DIAGNOSIS

Recommendation
Recommend early resample to monitor.

Wear
{not applicable}

Contamination
Ethane >=65 (0.0065%): Low energy arcing in a confined space. All other gas values normal.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0850742	WC0752816	WC0630485
Sample Date	Client Info	04 Oct 2023	14 Oct 2022	20 Oct 2021
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		MARGINAL	MARGINAL	MARGINAL

DISSOLVED GAS ANALYSIS (DGA)

method	limit/base	current	history1	history2	
DGA - H2	ppm	ASTM D3612(e)*	6	6	9
DGA - O2	ppm	ASTM D3612(e)*	346	213	240
DGA - N2	ppm	ASTM D3612(e)*	63113	49998	58873
DGA - CO	ppm	ASTM D3612(e)*	172	143	167
DGA - CO2	ppm	ASTM D3612(e)*	2022	1547	1866
DGA - Methane	ppm	ASTM D3612(e)*	46	40	46
DGA - Acetylene	ppm	ASTM D3612(e)*	0	0	0
DGA - Ethylene	ppm	ASTM D3612(e)*	6	6	8
DGA - Ethane	ppm	ASTM D3612(e)*	▲ 84	▲ 79	▲ 95
DGA - Total Gas Content	%	ASTM D3612(e)*	65795	52032	61304
DGA - Total Combustible Gas	ppm	ASTM D3612(e)*	314	274	325

VISUAL

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

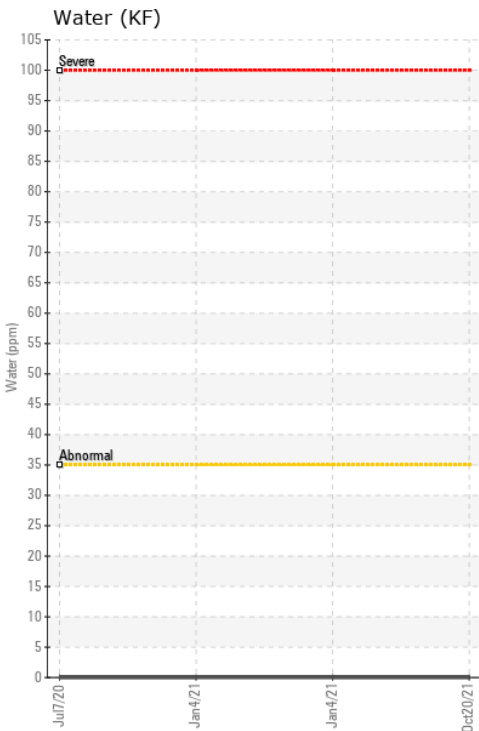
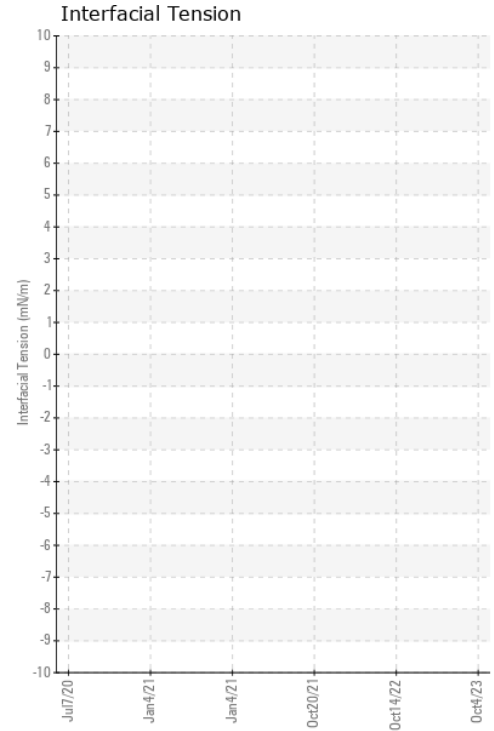
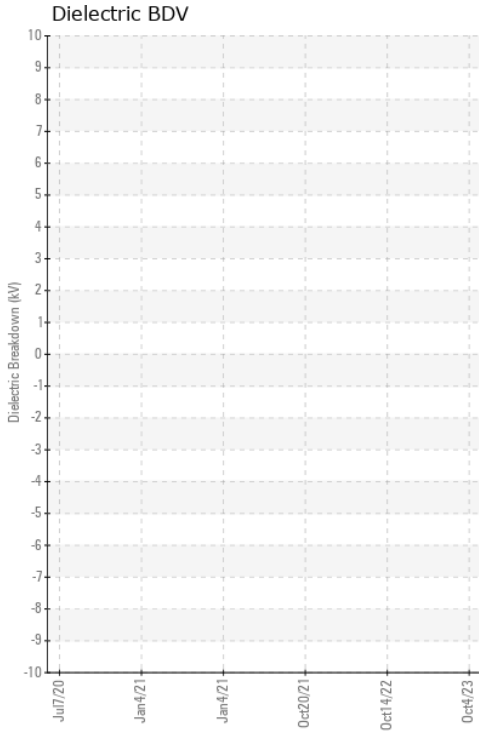
SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				no image
Bottom				no image



OIL ANALYSIS REPORT

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0850742
Lab Number : 02588787
Unique Number : 5657853
Test Package : TEST (Additional Tests: DGA)

BRODER ELECTRIC
 14 GRENFELL CRESCENT, SUITE 100
 NEPEAN, ON
 CA K2G 0G2
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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.