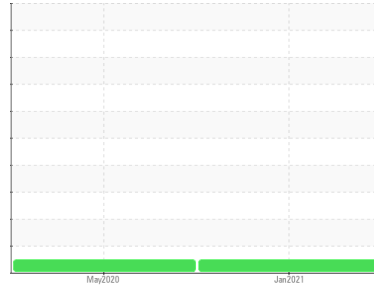




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**SST2BDE**  
 Component  
**Transformer Oil**  
 Fluid  
**NOT GIVEN (297 LTR)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

The water content is negligible.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the transformer oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0380014</b>	WC0380020	---
Sample Date	Client Info			<b>12 Jan 2021</b>	25 May 2020	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINANTS		method	limit/base	current	history1	history2
Water	%	ASTM D6304*	>0.0035	<b>0.001</b>	0.002	---
ppm Water	ppm	ASTM D6304*	>35	<b>0</b>	0	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<b>240</b>	2377	---
Particles >6µm		ASTM D7647	>1300	<b>60</b>	634	---
Particles >14µm		ASTM D7647	>160	<b>6</b>	55	---
Particles >21µm		ASTM D7647	>40	<b>2</b>	19	---
Particles >38µm		ASTM D7647	>10	<b>0</b>	0	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	0	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>15/13/10</b>	18/16/13	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.02</b>	0.02	---

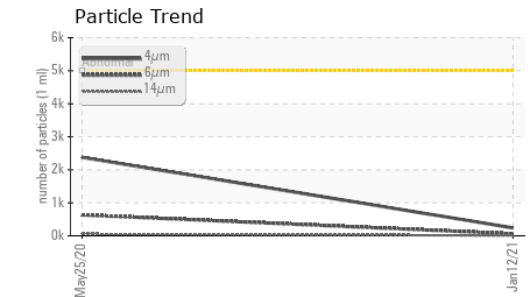
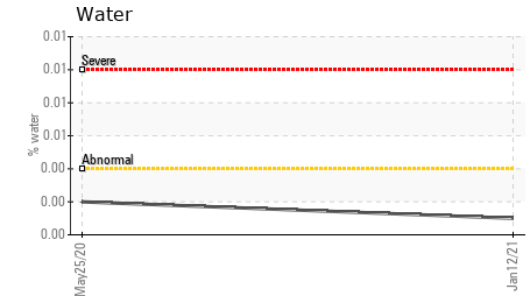
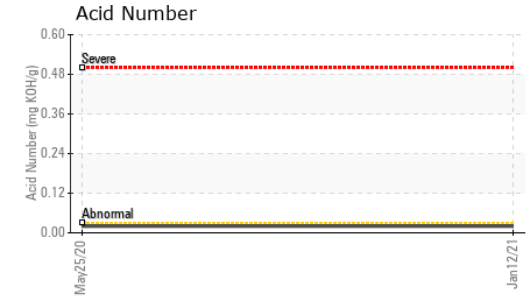
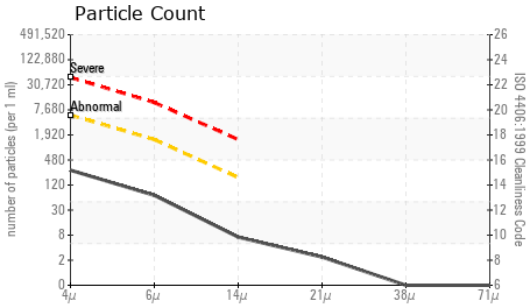
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Specific Gravity		ASTM D4052(e)		<b>0.856</b>	0.859	---
Dielectric Breakdown	kV	ASTM D3612(e)*		<b>37</b>	42	---
Interfacial Tension	mN/m	ASTM D971(e)*		<b>34.4</b>	36.58	---
ASTM Color	scalar	ASTM D1500(e)		<b>1.0</b>	1.0	---

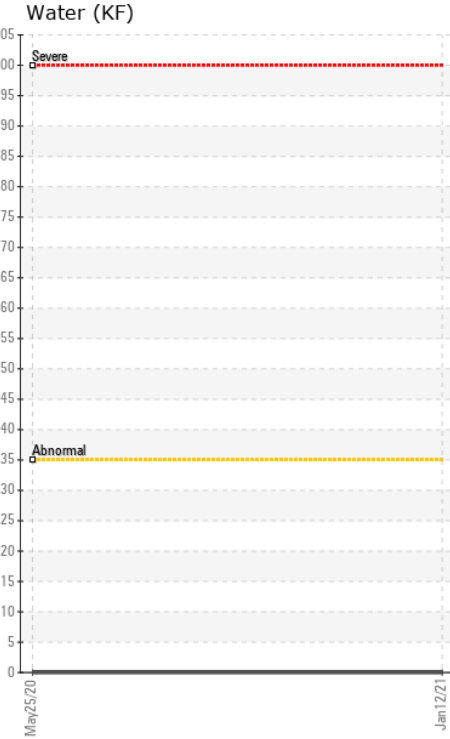
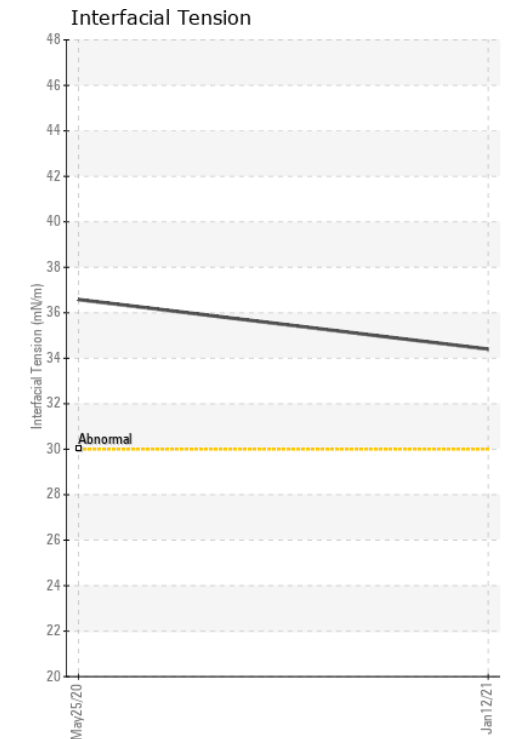
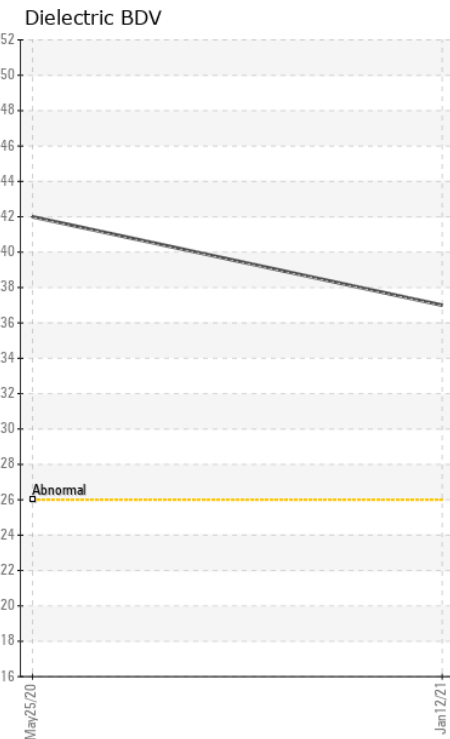
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						<i>no image</i>
Bottom						<i>no image</i>



# OIL ANALYSIS REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 NEWFOUNDLAND & LABRADOR HYDRO  
**Sample No.** : WC0380014 **Received** : 12 May 2021  
**Lab Number** : 02421070 **Diagnosed** : 26 May 2021  
**Unique Number** : 5224570 **Diagnostician** : Bill Quesnel  
**Test Package** : TRF 1 ( Additional Tests: PrtCount )

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MILLTOWN, BAY D'ESPOIR, NL  
CA A0H 1W0  
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F: (709)882-3161

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.