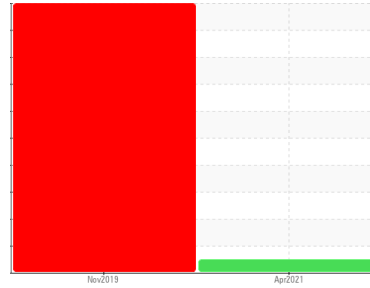




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
THUNDER SPIRIT [700404922]
 Machine Id
T013 (S/N 20111455398)
 Component
Transformer Oil
 Fluid
NOT GIVEN (658 QTS)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. All tests and evaluation performed at subcontracted ISO 17025 laboratory.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			NX05237108	NX04850238	---
Sample Date	Client Info			15 Apr 2021	07 Nov 2019	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	SEVERE	---

CONTAMINANTS		method	limit/base	current	history1	history2
ppm Water	ppm	ASTM D6304		---	0	---

DISSOLVED GAS ANALYSIS (DGA)		method	limit/base	current	history1	history2
DGA - H2	ppm	*ASTM D3612(e)		---	20471	---
DGA - O2	ppm	*ASTM D3612(e)		---	918	---
DGA - N2	ppm	*ASTM D3612(e)		---	42887	---
DGA - CO	ppm	*ASTM D3612(e)		---	157	---
DGA - CO2	ppm	*ASTM D3612(e)		---	1125	---
DGA - Methane	ppm	*ASTM D3612(e)		---	4088	---
DGA - Acetylene	ppm	*ASTM D3612(e)		---	1	---
DGA - Ethylene	ppm	*ASTM D3612(e)		---	6	---
DGA - Ethane	ppm	*ASTM D3612(e)		---	931	---
DGA - Total Gas Content	%	*ASTM D3612(e)		---	70584	---
DGA - Total Combustible Gas	ppm	*ASTM D3612(e)		---	25654	---

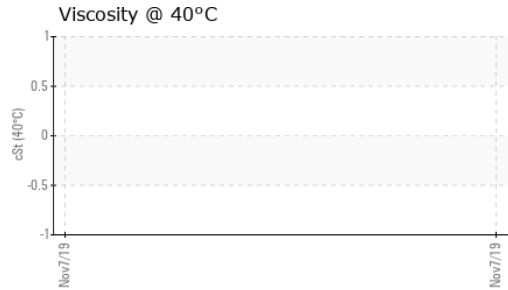
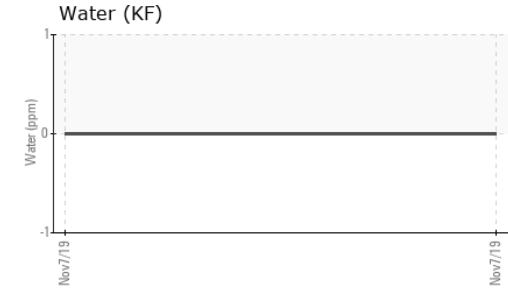
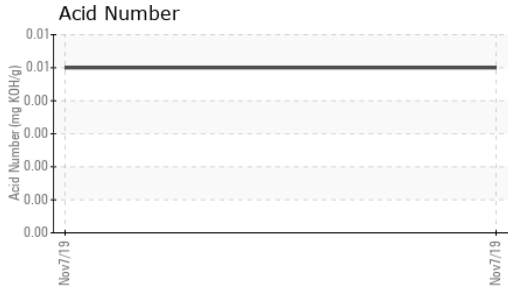
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		---	0.005	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Specific Gravity		ASTM D4052(e)		---	0.876	---
Dielectric Breakdown	kV	ASTM D1816(e)		---	34	---
Interfacial Tension	mN/m	ASTM D971(e)		---	29.68	---
ASTM Color	scalar	ASTM D1500(e)		---	L0.5	---

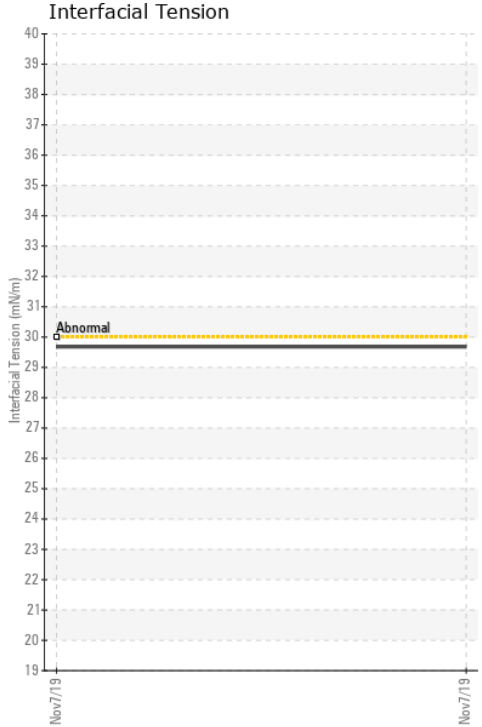
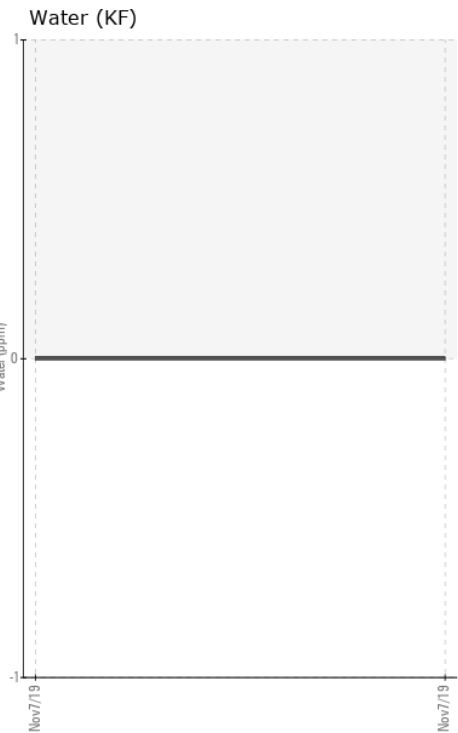
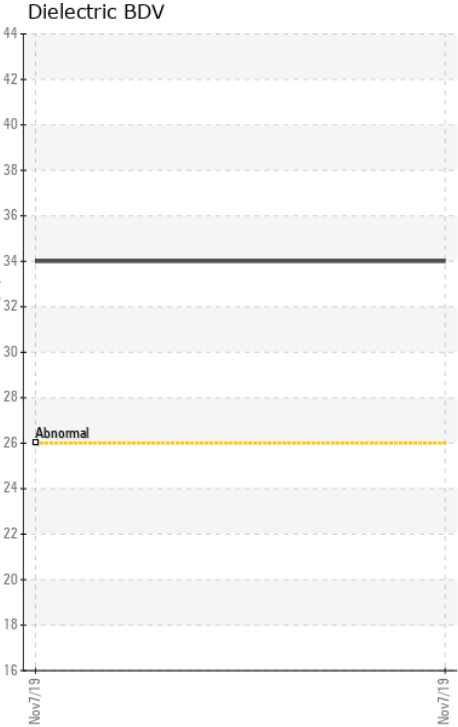
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image



OIL ANALYSIS REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX05237108 **Received** : 23 Apr 2021
Lab Number : 05237108 **Diagnosed** : 02 Oct 2023
Unique Number : 9476016 **Diagnostician** : System
Test Package : TRF 2 (Additional Tests: ICP, KV40)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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