

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area **THUNDER SPIRIT [700404924]** Machine Id **T035 (S/N 20111455405)** Component

Transformer Oil Fluid NOT GIVEN (658 GAL)

DIAGNOSIS

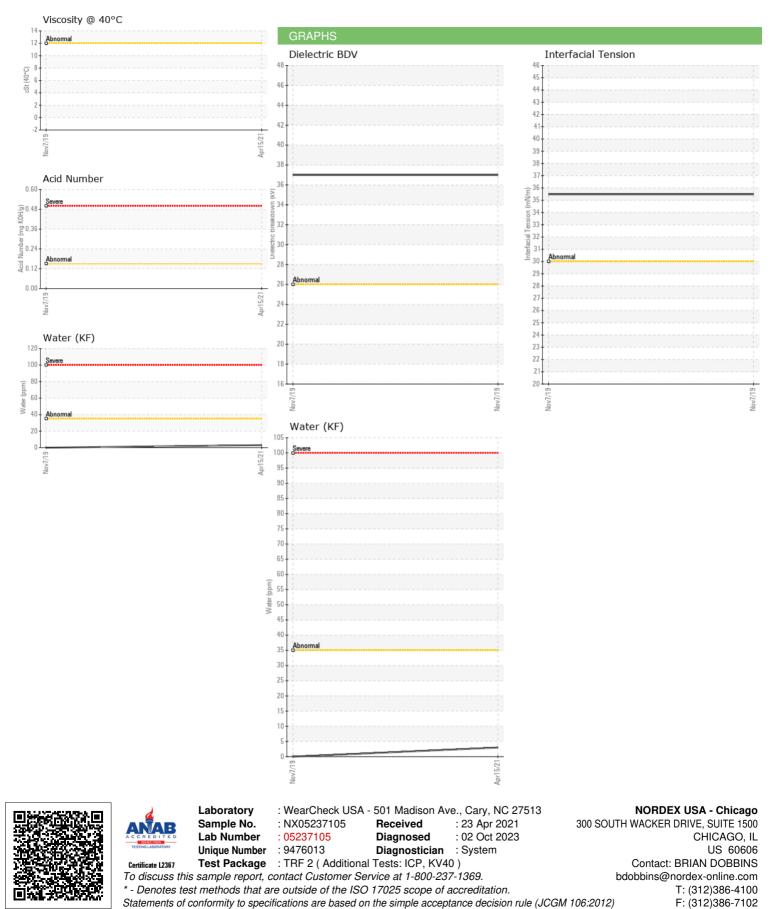
Recommendation

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

			Nov2019	Apr2021		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX05237105	NX04850260	
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	MARGINAL	
CONTAMINANTS		method	limit/base	current	history1	history2
ppm Water	ppm	ASTM D6304	>35	3	0	
DISSOLVED GAS ANALY	/SIS (DGA)	method	limit/base	current	history1	history2
DGA - H2	ppm	*ASTM D3612(e)			16	
DGA - O2	ppm	*ASTM D3612(e)			4109	
DGA - N2	ppm	*ASTM D3612(e)			78609	
DGA - CO	ppm	*ASTM D3612(e)			149	
DGA - CO2	ppm	*ASTM D3612(e)			607	
DGA - Methane	ppm	*ASTM D3612(e)			28	
DGA - Acetylene	ppm	*ASTM D3612(e)			0	
DGA - Ethylene	ppm	*ASTM D3612(e)			▲ 52	
DGA - Ethane	ppm	*ASTM D3612(e)			10	
DGA - Total Gas Content	%	*ASTM D3612(e)			83580	
DGA - Total Combustible Gas	ppm	*ASTM D3612(e)			255	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045			0.005	
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Specific Gravity		ASTM D4052(e)			0.876	
Dielectric Breakdown	kV	ASTM D1816(e)			37	
Interfacial Tension	mN/m	ASTM D971(e)			35.49	
ASTM Color	scalar	ASTM D1500(e)		L1.0	L0.5	
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image



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Contact/Location: BRIAN DOBBINS - NORDEX