

OIL ANALYSIS REPORT

Area AZURE SKY [200007684] **T-64** Component

Wind Turbine Gearbox Elui

FUCHS RENOLIN UNISYN CLP 320 (650 LTI

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

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

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•				Jan 2024		
SAMPLE INFORMA	TION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX06054838		
Sample Date		Client Info		07 Jan 2024		
Machine Age h	nrs	Client Info		0		
Oil Age h	nrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>50	14		
lron p	opm	ASTM D5185m	>30	15		
Chromium p	opm	ASTM D5185m	>3	0		
	opm	ASTM D5185m	>3	0		
	opm	ASTM D5185m	>10	0		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m	>30	0		
	opm		>15	2		
	opm	ASTM D5185m	>10	0		
	opm	ASTM D5185m	>10	0		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m		0		
	5pm	method	limit/base	-	biotorut	biotom/0
_			IIIIII/Dase	current	history1	history2
	opm	ASTM D5185m		5		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m		0		
	opm	ASTM D5185m		7		
	opm	ASTM D5185m		197		
Zinc p	opm	ASTM D5185m		1		
Sulfur p	opm	ASTM D5185m		4668		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon p	opm	ASTM D5185m	>+15	7		
Sodium p	opm	ASTM D5185m		4		
Potassium p	opm	ASTM D5185m	>20	<1		
Water %	%	ASTM D6304	>0.02	0.002		
opm Water p	opm	ASTM D6304	>200	16		
FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		18162		
Particles >6µm		ASTM D7647	>320	<u> </u>		
Particles >14µm		ASTM D7647	>40	<u> </u>		
Particles >21µm		ASTM D7647	>10	<u> </u>		
Particles >38µm		ASTM D7647	>3	2		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/15/12	A 21/20/15		
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2
	ng KOH/g	ASTM D8045	0.6	0.30		
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Contact/Location: DEVIN LINEHAN - NORDEX

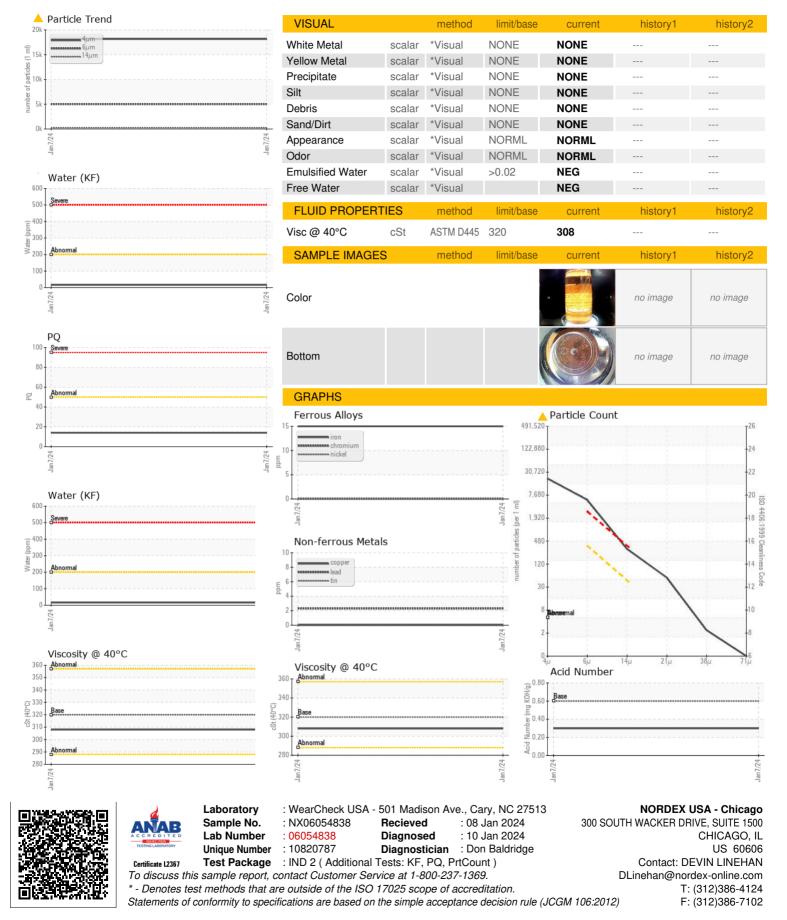
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Sample Rating Trend





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