

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Area **NOT** GIVEN Machine Id **A6-S** Component Gearbox

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

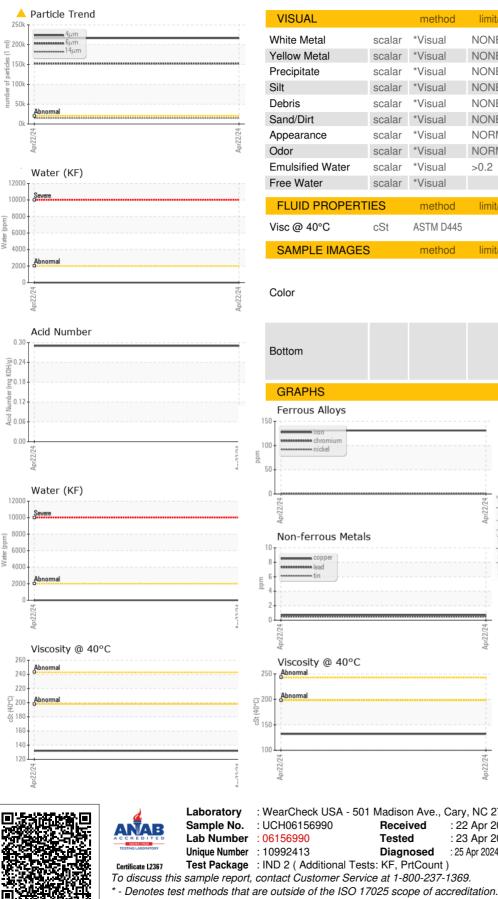
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

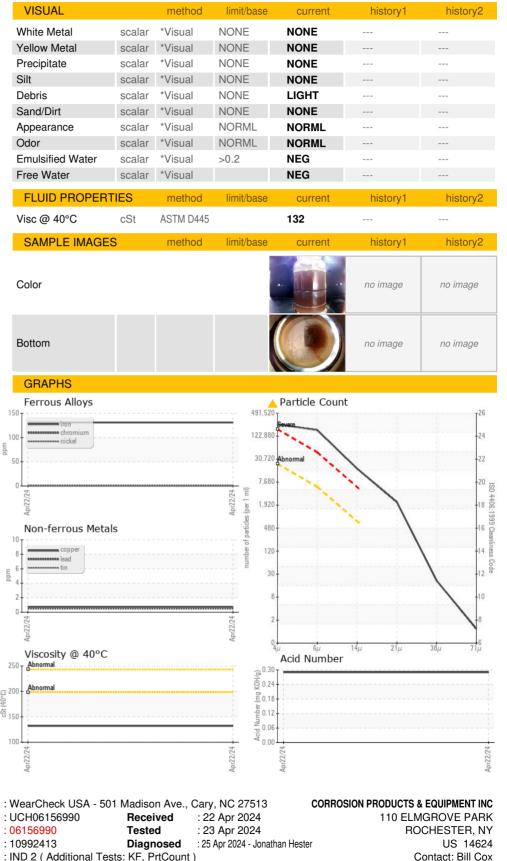
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06156990		
Sample Date		Client Info		22 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	131		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>15	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	3		
Lead	ppm	ASTM D5185m	>100	<1		
Copper	ppm	ASTM D5185m		<1		
Tin	ppm	ASTM D5185m	>25	<1		
Vanadium	ppm	ASTM D5185m	. =•	<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron		ASTM D5185m		0		
	ppm			0		
Barium	ppm	ASTM D5185m				
Molybdenum	ppm	ASTM D5185m		2		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		5		
Phosphorus	ppm	ASTM D5185m		448		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		506		
CONTAMINANTS						
		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	limit/base >50	14	history1	history2
				14 0	history1 	history2
Silicon Sodium Potassium	ppm ppm ppm	ASTM D5185m	>50 >20	14 0 2		
Silicon Sodium	ppm ppm	ASTM D5185m ASTM D5185m	>50	14 0		
Silicon Sodium Potassium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20	14 0 2		
Silicon Sodium Potassium Water	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304	>50 >20 >0.2	14 0 2 0.00		
Silicon Sodium Potassium Water ppm Water	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304	>50 >20 >0.2 >2000	14 0 2 0.00 0		
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method	>50 >20 >0.2 >2000 limit/base	14 0 2 0.00 0 current	 history1	 history2
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method ASTM D7647	>50 >20 >0.2 >2000 limit/base >20000	14 0 2 0.00 0 <u>current</u> ▲ 216551	 history1	 history2
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >6µm	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method ASTM D7647 ASTM D7647	>50 >20 >0.2 >2000 limit/base >20000 >5000	14 0 2 0.00 0 <u>current</u> 216551 ▲ 152473	 history1	 history2
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 Method ASTM D7647 ASTM D7647 ASTM D7647	>50 >20 >0.2 >2000 limit/base >20000 >5000 >640	14 0 2 0.00 0 <u>current</u> ▲ 216551 ▲ 152473 ▲ 15121	 history1 	 history2
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm Particles >21µm	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 ASTM D6304 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>50 >20 >0.2 >2000 limit/base >20000 >5000 >5000 >640 >160	14 0 2 0.00 0 <u>current</u> ▲ 216551 ▲ 152473 ▲ 15121 ▲ 2028	 history1 	 history2
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm	ppm ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 ASTM D6304 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>50 >20 >0.2 >2000 limit/base >20000 >5000 >5000 >640 >160	14 0 2 0.00 0 <u>current</u> ▲ 216551 ▲ 152473 ▲ 15121 ▲ 2028 18	 history1 	 history2
Silicon Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm	ppm ppm % ppm ESS	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 ASTM D6304 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>50 >20 >0.2 >2000 limit/base >20000 >20000 >5000 >640 >160 >40 >10	14 0 2 0.00 0 <u>current</u> ▲ 216551 ▲ 216551 ▲ 152473 ▲ 15121 ▲ 2028 18 1	 history1 	 history2



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





Report Id: UCCORROC [WUSCAR] 06156990 (Generated: 04/25/2024 08:05:08) Rev: 1

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