

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Area Mot GIVEN A8-N 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.

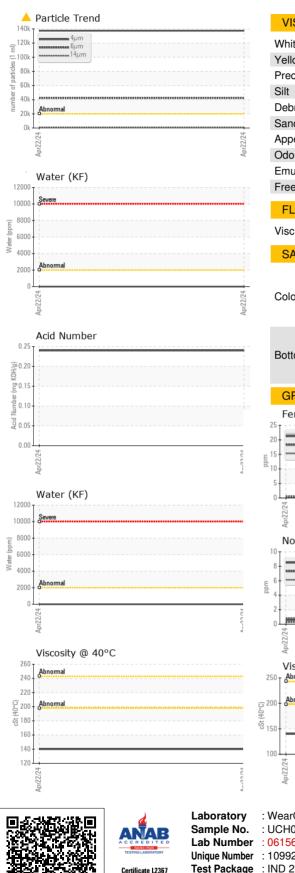
Fluid Condition

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		UCH06156981		
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	22		
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	>200	<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	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Volybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		1		
Phosphorus	ppm	ASTM D5185m		442		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		564		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	5		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304		0.00		
opm Water	ppm	ASTM D6304		0		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	1 37434		
Particles >6µm		ASTM D7647	>5000	<u> </u>		
Particles >14µm		ASTM D7647	>640	A 852		
		ASTM D7647	>160	<u> </u>		
Particles >21µm			>40	5		
		ASTM D7647	240	5		
Particles >38µm		ASTM D7647 ASTM D7647	>10	1		
Particles >21μm Particles >38μm Particles >71μm Oil Cleanliness						
Particles >38µm Particles >71µm		ASTM D7647	>10	1		



OIL ANALYSIS REPORT



To discuss this samp * - Denotes test meth

Statements of confor

Report Id: UCCORROC [WUSCAR] 06156981 (Generated: 04/25/2024 07:59:18) Rev: 1

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White Metal Yellow Metal		method	limit/base	current	history1	histor
Yellow Metal	scalar	*Visual	NONE	NONE		
	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	histor
Visc @ 40°C	cSt	ASTM D445		140		
SAMPLE IMAGES	S	method	limit/base	current	history1	histor
Color				n	no image	no imag
Bottom					no image	no imag
GRAPHS						
Ferrous Alloys				Particle Coun	+	
²⁵ T			491,520			
20 - iron chromium			122,880	Severe		
E 15 nickel						
			30,720	Abnormal		
5			7,680	Abnormal		
5			7,680	Abnormal		
5			7,680	Abnormal		
s 0 Horizon Won-ferrous Metal			7,680	Abnormal		
Apr22/24			7,680			
Non-ferrous Metal			7,680 +2/22/24 +2/22 +2/2 + -2/2 +2/2 +			
Non-ferrous Metal			7,680			
Non-ferrous Metal			7,680 +2/22/24 +2/22 +2/2 + -2/2 +2/2 +			
Non-ferrous Metal			7,680 4,022 4,022 4,022 4,02 4,			
Non-ferrous Metal			7,680 4,022 4,022 4,022 4,02 4,			
Non-ferrous Metal			7.680 F272724 F27272724 F272724 F272724 F272724 F272724 F272724 F272724 F272724 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F272747 F277777777777777777777777777777777777	и 6µ	14μ 21μ	38μ 7
Non-ferrous Metal			480 470 470 470 470 470 470 470 470 470 47	μ Acid Number		38μ
Non-ferrous Metal			480 470 470 470 470 470 470 470 470 470 47	μ Acid Number		38μ
Non-ferrous Metal			480 470 470 470 470 470 470 470 470 470 47	μ Acid Number		38µ
Non-ferrous Metal			480 470 470 470 470 470 470 470 470 470 47	μ Acid Number		38µ 7
Non-ferrous Metal			480 470 470 470 470 470 470 470 470 470 47	μ Acid Number		38μ
Non-ferrous Metal			F2722104 +2722104 +2722104 +2722104 +2722104 +2722104	μ Acid Number		38µ 7