

PROBLEM SUMMARY



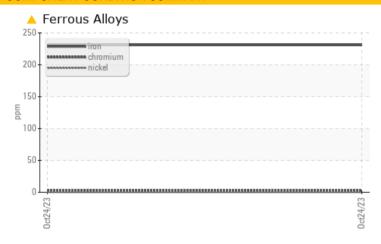
SEW EURODRIVE L1 BLANCHER 2

Component **Auger**

LUBRIPLATE FMO 1100 AW ISO 220 (--- GAL)

Sample Rating Trend **WEAR**

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC T	EST RE	SULTS			
Sample Status				ABNORMAL	
Iron	ppm	ASTM D5185m	>150	<u> </u>	
Cil+	coalar	*\/icual	NONE		

Customer Id: JRSGRA Sample No.: USP242139 Lab Number: 06006997 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 dougb@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED	O ACTIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Alert			?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

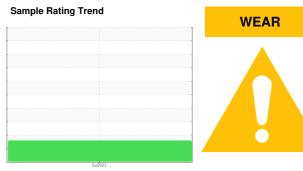


SEW EURODRIVE L1 BLANCHER 2

Component

Auger

LUBRIPLATE FMO 1100 AW ISO 220 (--- GAL)



DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

Gear wear is indicated.

Contamination

There is a high amount of visible silt present in the sample.

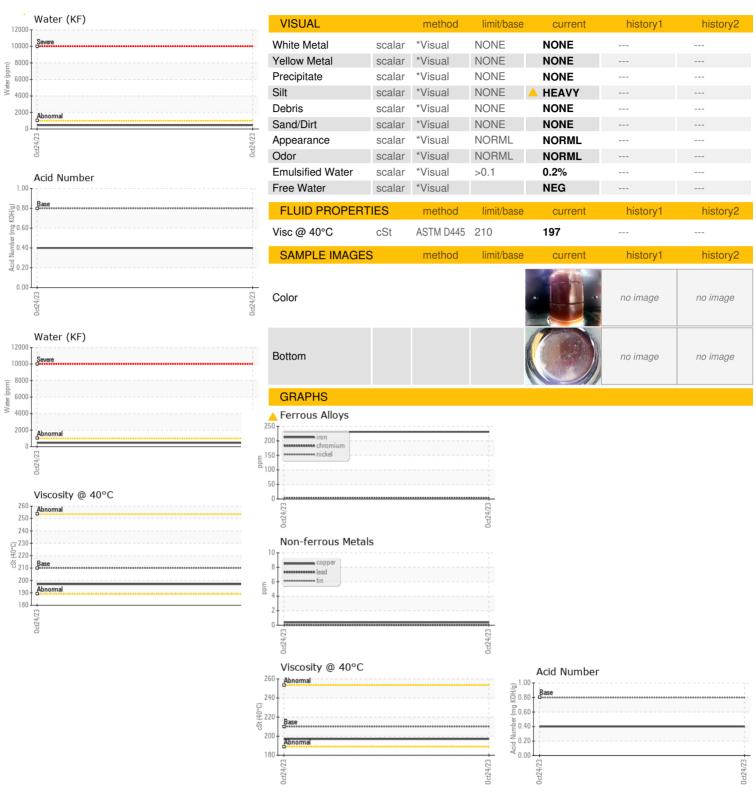
Fluid Condition

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

SAMPLE INFORMATION method limit/base current history1 history2 Sample Number Client Info USP242139 Sample Date Client Info 0 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status Machine Machine Machine WEAR METALS method limit/base current history1 history2 Iron ppm ASTM DS185m >150 231 Nickel ppm ASTM DS185m >10 2 Nickel ppm ASTM DS185m >10 <1 Silver ppm ASTM DS185m >10 Aluminum ppm ASTM DS185m	,		<u>, </u>		Oct2023		
Sample Date Client Info 24 Oct 2023 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status Babrormal WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >10 2 Chromium ppm ASTM D5185m >10 2 Nickel ppm ASTM D5185m >10 <1 Silver ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0	Sample Number		Client Info		USP242139		
Oil Age hrs Client Info N/A Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m >150 231 Chromium ppm ASTM D5185m >10 2 Nickel ppm ASTM D5185m >10 <1 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 1 Aluminum ppm ASTM D5185m >25 1 Aluminum ppm ASTM D5185m >50 <1 Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 <td>Sample Date</td> <td></td> <td>Client Info</td> <td></td> <td>24 Oct 2023</td> <td></td> <td></td>	Sample Date		Client Info		24 Oct 2023		
Oil Changed Sample Status Client Info N/A	Machine Age	hrs	Client Info		0		
MEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >150 ▲ 231 <	Oil Age	hrs	Client Info		0		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >150 231 Chromium ppm ASTM D5185m >10 <1	Oil Changed		Client Info		N/A		
Iron	Sample Status				ABNORMAL		
Chromium ppm ASTM D5185m >10 2 Nickel ppm ASTM D5185m >10 <1 Titanium ppm ASTM D5185m <1 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >50 <1 Lead ppm ASTM D5185m >50 <1 Copper ppm ASTM D5185m >10 0 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>150	<u>^</u> 231		
Titanium	Chromium	ppm	ASTM D5185m	>10	2		
Silver	Nickel	ppm	ASTM D5185m	>10	<1		
Aluminum ppm ASTM D5185m >25 1 Lead ppm ASTM D5185m >100 0 Copper ppm ASTM D5185m >50 <1	Titanium	ppm	ASTM D5185m		<1		
Lead ppm ASTM D5185m >100 0 Copper ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 407 Sulfur ppm	Silver	ppm	ASTM D5185m		0		
Copper ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1	Aluminum	ppm	ASTM D5185m	>25	1		
Tin	Lead	ppm	ASTM D5185m	>100	0		
Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m <1 Phosphorus ppm ASTM D5185m 407 Zinc ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 <th< td=""><td>Copper</td><td>ppm</td><td>ASTM D5185m</td><td>>50</td><td><1</td><td></td><td></td></th<>	Copper	ppm	ASTM D5185m	>50	<1		
Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1	Tin	ppm	ASTM D5185m	>10	0		
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1	Vanadium	ppm	ASTM D5185m		0		
Boron ppm ASTM D5185m 0	Cadmium	ppm	ASTM D5185m		0		
Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 407 Phosphorus ppm ASTM D5185m 0 Zinc ppm ASTM D5185m 696 Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m >20 2 Potassium ppm ASTM D6304 >0.1 0.046 Water % ASTM D6304	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 407 Phosphorus ppm ASTM D5185m 0 Zinc ppm ASTM D5185m 696 Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m >0 Potassium ppm ASTM D6304 >0.1 0.046 Water % ASTM D6304 >1000 460 FLUID DEGRADATION method <th< td=""><td>Boron</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>0</td><td></td><td></td></th<>	Boron	ppm	ASTM D5185m		0		
Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m		0		
Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m <1	Molybdenum	ppm	ASTM D5185m		0		
Calcium ppm ASTM D5185m <1 Phosphorus ppm ASTM D5185m 407 Zinc ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 FLUID DEGRADATION method limit/base current history1 history2	Manganese	ppm	ASTM D5185m		<1		
Phosphorus ppm ASTM D5185m 407 Zinc ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 FLUID DEGRADATION method limit/base current history1 history2	Magnesium	ppm	ASTM D5185m		<1		
Zinc ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Calcium	ppm	ASTM D5185m		<1		
Sulfur ppm ASTM D5185m 696 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Phosphorus	ppm	ASTM D5185m		407		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Zinc	ppm	ASTM D5185m		0		
Silicon ppm ASTM D5185m >50 2 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Sulfur	ppm	ASTM D5185m		696		
Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	CONTAMINANTS	3	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Silicon	ppm	ASTM D5185m	>50	2		
Water % ASTM D6304 >0.1 0.046 ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Sodium	ppm	ASTM D5185m		0		
ppm Water ppm ASTM D6304 >1000 460 FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADATION method limit/base current history1 history2	Water	%	ASTM D6304	>0.1	0.046		
			AOTA DOOG	- 1000	400		
Acid Number (AN) mg KOH/g ASTM D8045 0.8 0.40	ppm Water	ppm	ASTM D6304	>1000	460		



OIL ANALYSIS REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: USP242139 : 06006997 : 10740759

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 14 Nov 2023 Received Diagnosed : 17 Nov 2023 Diagnostician : Doug Bogart

Test Package : IND 2

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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