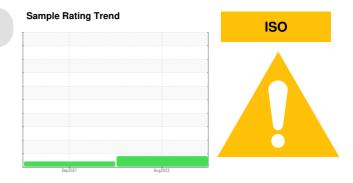


PROBLEM SUMMARY

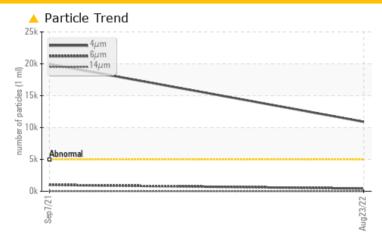
[348648] Machine Id BALER 2 (S/N 957010)

Component
Hydraulic System

NOT GIVEN (--- GAL)



COMPONENT CONDITION SUMMARY



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status			ABNORMAL	ABNORMAL				
Particles >4µm	ASTM D7647	>5000	10906	<u>▲</u> 19952				
Oil Cleanliness	ISO 4406 (c)	>19/17/14	21/16/11	▲ 21/17/12				

Customer Id: THRFAI Sample No.: USP235997 Lab Number: 05637581 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 ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

07 Sep 2021 Diag: Doug Bogart

ISO



Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





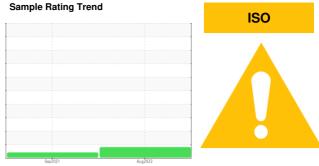
OIL ANALYSIS REPORT

Area [348648] BALER 2 (S/N 957010)

Component

Hydraulic System

NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 6 microns in size) present in the oil.

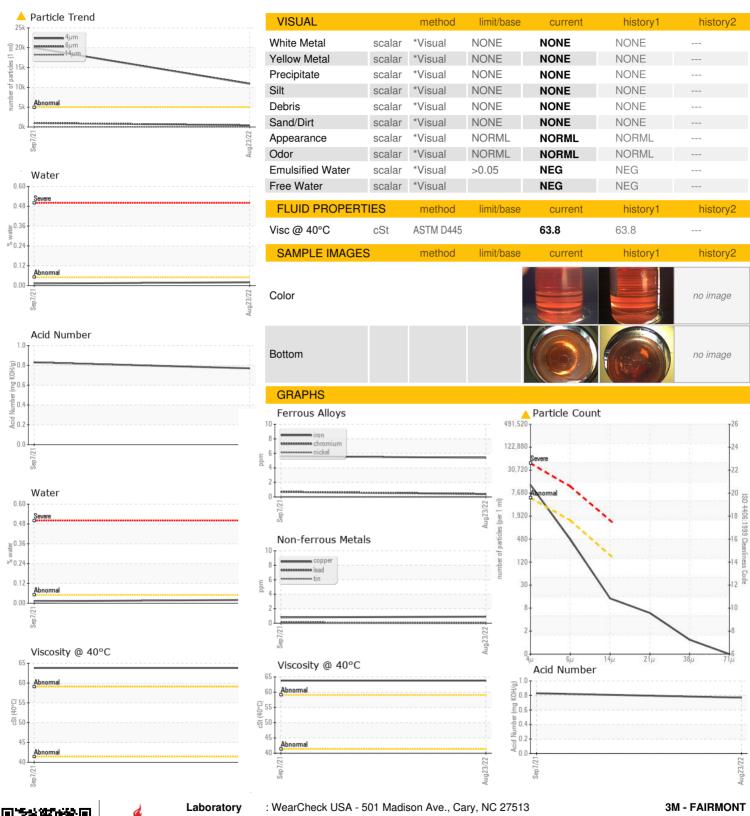
Fluid Condition

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

			Sep2021	Aug2022		
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP235997	USP222449	
Sample Date		Client Info		23 Aug 2022	07 Sep 2021	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				ABNORMAL	ABNORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	5	6	
Chromium	ppm	ASTM D5185m	>20	<1	<1	
Nickel	ppm	ASTM D5185m	>20	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		1	<1	
Aluminum	ppm	ASTM D5185m	>20	<1	<1	
Lead	ppm	ASTM D5185m	>20	0	<1	
Copper	ppm	ASTM D5185m	>20	<1	<1	
Tin	ppm	ASTM D5185m	>20	0	0	
Antimony	ppm	ASTM D5185m			0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		<1	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		<1	<1	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m		5	8	
Calcium	ppm	ASTM D5185m		152	153	
Phosphorus	ppm	ASTM D5185m		492	468	
Zinc	ppm	ASTM D5185m		624	720	
Sulfur	ppm	ASTM D5185m		7443	7064	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1	
Sodium	ppm	ASTM D5185m		2	2	
Potassium	ppm	ASTM D5185m	>20	0	<1	
Water	%	ASTM D6304	>0.05	0.020	0.012	
ppm Water	ppm	ASTM D6304	>500	200.4	124.3	
FLUID CLEANLINE	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	10906	△ 19952	
Particles >6μm		ASTM D7647	>1300	419	1004	
Particles >14μm		ASTM D7647	>160	12	21	
Particles >21μm		ASTM D7647	>40	5	4	
Particles >38μm		ASTM D7647	>10	1	0	
Particles >71μm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>21/16/11</u>	<u>△</u> 21/17/12	
FLUID DEGRADAT	ΓΙΟΝ	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate L2367

Sample No. Lab Number **Unique Number** Test Package

: USP235997 : 05637581

: 10127111

: 09 Sep 2022 Received Diagnosed : 12 Sep 2022

Diagnostician : Doug Bogart

: 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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