

PROBLEM SUMMARY

Sample Rating Trend

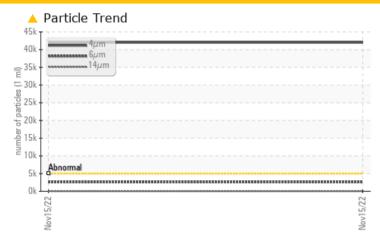
ISO

DEMAG PRESS 3 (S/N 0722)

Hydraulic System

COASTAL AW 46 (200 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMAL				
Particles >4µm	ASTM D7647	>5000	42024				
Particles >6µm	ASTM D7647	>1300	2594				
Oil Cleanliness	ISO 4406 (c)	>19/17/14	23/19/12				

Customer Id: ALLSPI Sample No.: WC0733938 Lab Number: 05707757 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

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

RECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description	
Change Fluid			?	Oil and filter change at the time of sampling has been noted.	
Change Filter			?	Oil and filter change at the time of sampling has been noted.	

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT



DEMAG PRESS 3 (S/N 0722)

Hydraulic System

COASTAL AW 46 (200 GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 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.

Samp	le Rating Trend			100
				ISO
	Nov20	22		
athod	limit/hase	current	history1	hietory2

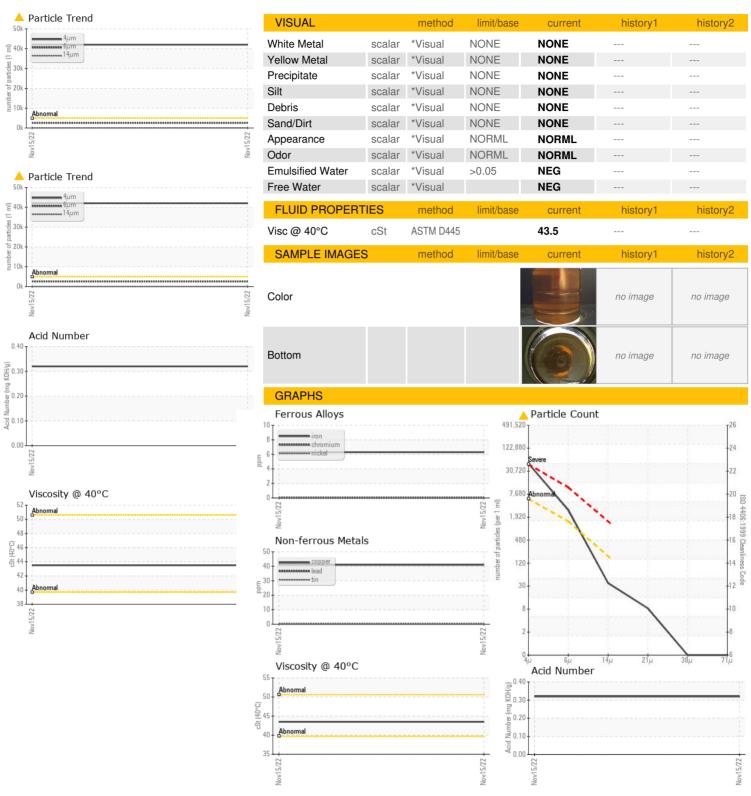
				Nov2022		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0733938		
Sample Date		Client Info		15 Nov 2022		
Machine Age	yrs	Client Info		7		
Oil Age	yrs	Client Info		7		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	6		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	41		
Tin	ppm	ASTM D5185m	>20	<1		
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		<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		21		
Phosphorus	ppm	ASTM D5185m		511		
Zinc	ppm	ASTM D5185m		591		
Sulfur	ppm	ASTM D5185m		1417		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	42024		
Particles >6µm		ASTM D7647	>1300	2594		
Particles >14µm		ASTM D7647	>160	32		
Particles >21µm		ASTM D7647	>40	7		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	23/19/12		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
A siel Niversland (ANI)	I/OII/-	ACTM DODAE		0.20	·	

Acid Number (AN)

mg KOH/g ASTM D8045



OIL ANALYSIS REPORT







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

: WC0733938 : 05707757 : 10242332 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 02 Dec 2022 Received Diagnosed : 05 Dec 2022

: Don Baldridge Diagnostician

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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