



PROBLEM SUMMARY

Sample Rating Trend

WATER



Area

[212198]

Machine Id

SEABRIGHT ACCURATE 2-YARD 03108234REM - MEDIFAST

Component

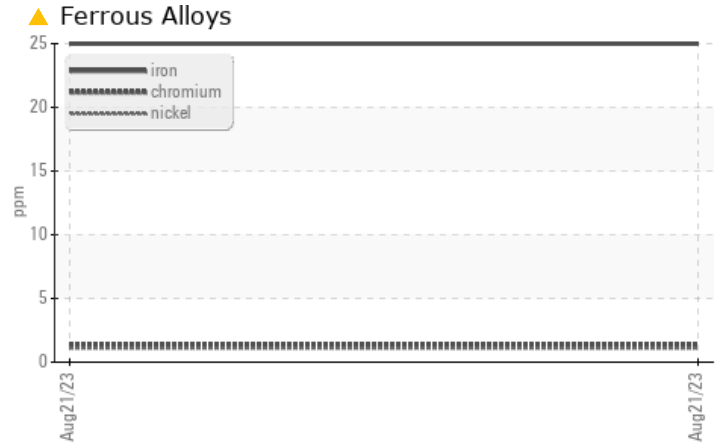
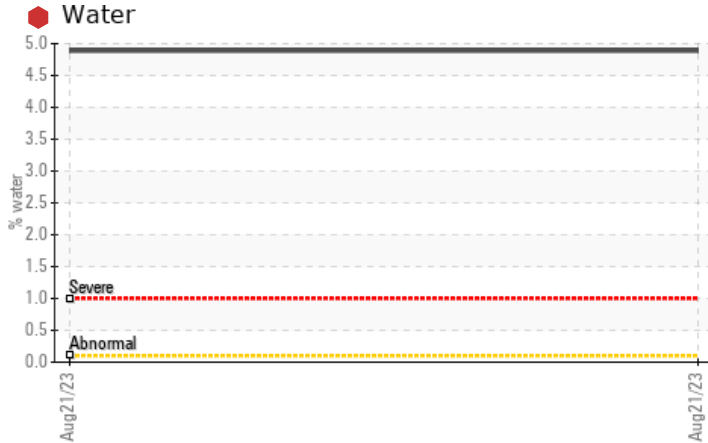
Hydraulic System

Fluid

NOT GIVEN (--- GAL)



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. There is too much water present in this sample to perform a particle count.

PROBLEMATIC TEST RESULTS

Sample Status	SEVERE	---	---
Iron ppm ASTM D5185m >20	▲ 25	---	---
Water % ASTM D6304 >0.1	● 4.89	---	---
ppm Water ppm ASTM D6304 >1000	● 48900	---	---
Silt scalar *Visual NONE	▲ MODER	---	---
Appearance scalar *Visual NORML	▲ MILKY	---	---
Emulsified Water scalar *Visual >0.1	● 0.2%	---	---

Customer Id: ADVFRA
 Sample No.: WC0836593
 Lab Number: 05934290
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldrige +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.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Water Access	---	---	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area

[212198]

Machine Id

SEABRIGHT ACCURATE 2-YARD 03108234REM - MEDIFAST

Component

Hydraulic System

Fluid

NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. There is too much water present in this sample to perform a particle count.

Wear

The iron level is abnormal. All other component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil. There is a high concentration of water present in the oil.

Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0836593	---	---
Sample Date	Client Info		21 Aug 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			SEVERE	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	▲ 25	---	---
Chromium	ppm	ASTM D5185m >10	1	---	---
Nickel	ppm	ASTM D5185m >10	1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	2	---	---
Aluminum	ppm	ASTM D5185m >10	0	---	---
Lead	ppm	ASTM D5185m >10	2	---	---
Copper	ppm	ASTM D5185m >75	3	---	---
Tin	ppm	ASTM D5185m >10	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	2	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	34	---	---
Barium	ppm	ASTM D5185m	10	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	17	---	---
Calcium	ppm	ASTM D5185m	58	---	---
Phosphorus	ppm	ASTM D5185m	228	---	---
Zinc	ppm	ASTM D5185m	234	---	---
Sulfur	ppm	ASTM D5185m	821	---	---

CONTAMINANTS

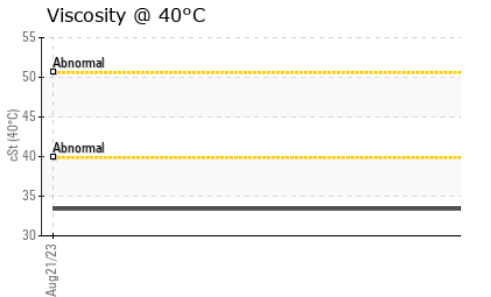
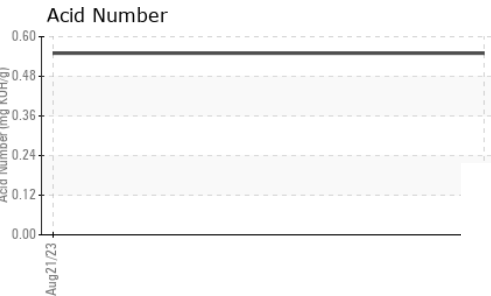
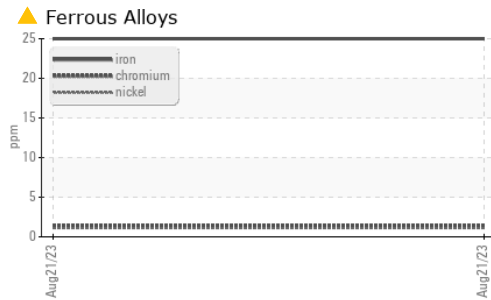
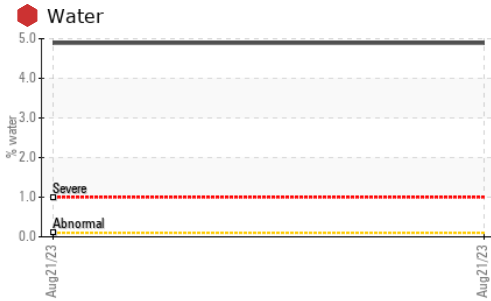
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	3	---	---
Sodium	ppm	ASTM D5185m	8	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---
Water	%	ASTM D6304 >0.1	● 4.89	---	---
ppm Water	ppm	ASTM D6304 >1000	● 48900	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.55	---	---



OIL ANALYSIS REPORT



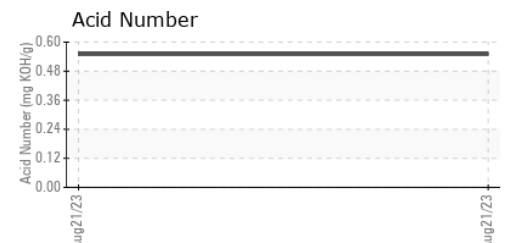
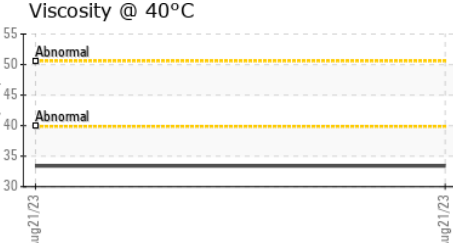
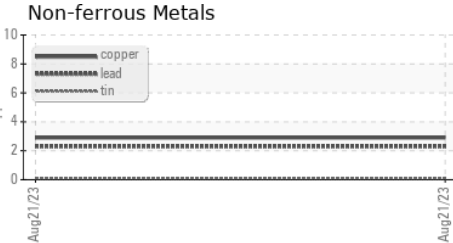
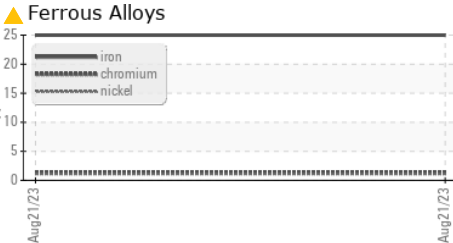
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	▲ MODER	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	▲ MILKY	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	● 0.2%	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	33.4	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0836593 **Received** : 24 Aug 2023
Lab Number : 05934290 **Diagnosed** : 28 Aug 2023
Unique Number : 10619561 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

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 535 HAGEY RD
 SOUDERTON, PA
 US 18964
 Contact: JEFF BURNLEY
 jburnley@aesales.net
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Certificate L2367
 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)