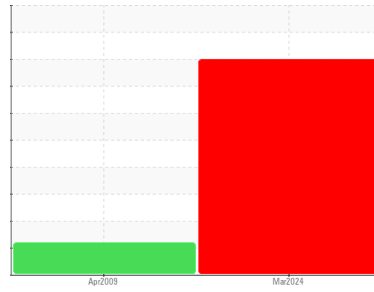


PROBLEM SUMMARY

Machine Id
JAX-P258
Component
Pump
Fluid
{not provided} (--- GAL)

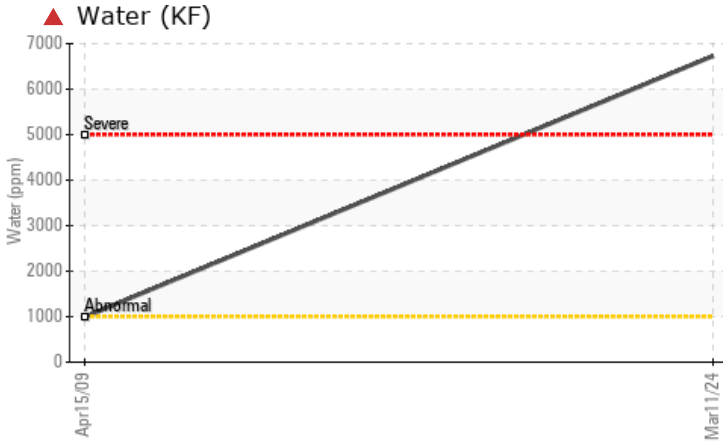
Sample Rating Trend



WATER



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	ABNORMAL	---
Water	%	ASTM D6304	>.1	▲ 0.673	0.099	---
ppm Water	ppm	ASTM D6304	>1000	▲ 6730	990	---
Emulsified Water	scalar	*Visual	>.1	▲ 0.2%	0.1%	---
Free Water	scalar	*Visual		▲ >10%	NEG	---

Customer Id: RENJAC
Sample No.: RP06145956
Lab Number: 06145956
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
Water Drain-off	---	---	?	We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid.
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

WEAR



15 Apr 2009 Diag: Doug Bogart

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The iron level is abnormal. Moderate concentration of visible dirt/debris present in the oil. The condition of oil is suitable for further service.

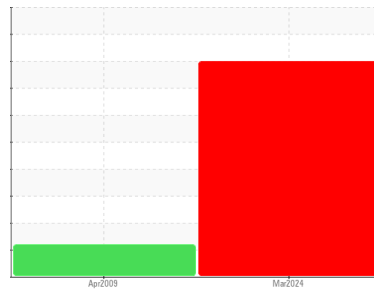
view report





OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
JAX-P258
 Component
Pump
 Fluid
 {not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

▲ Contamination

There is a high concentration of water present in the oil. Excessive free water present.

Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		RP06145956	RP61412	---
Sample Date	Client Info		11 Mar 2024	15 Apr 2009	---
Machine Age	hrs	Client Info	0	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			SEVERE	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >90	2	▲ 65	---
Chromium	ppm	ASTM D5185m >5	<1	2	---
Nickel	ppm	ASTM D5185m >5	1	2	---
Titanium	ppm	ASTM D5185m >3	<1	<1	---
Silver	ppm	ASTM D5185m >3	<1	<1	---
Aluminum	ppm	ASTM D5185m >7	1	0	---
Lead	ppm	ASTM D5185m >12	2	6	---
Copper	ppm	ASTM D5185m >30	14	6	---
Tin	ppm	ASTM D5185m >9	1	<1	---
Antimony	ppm	ASTM D5185m	---	4	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	1	<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	---
Barium	ppm	ASTM D5185m	<1	3	---
Molybdenum	ppm	ASTM D5185m	<1	0	---
Manganese	ppm	ASTM D5185m	<1	1	---
Magnesium	ppm	ASTM D5185m	6	48	---
Calcium	ppm	ASTM D5185m	3	4	---
Phosphorus	ppm	ASTM D5185m	4	24	---
Zinc	ppm	ASTM D5185m	3	16	---

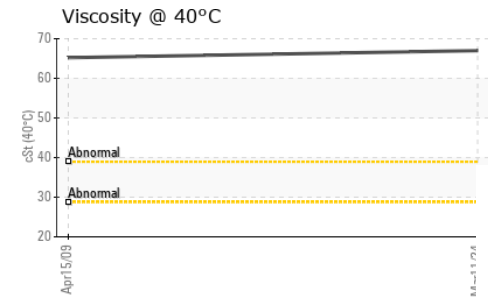
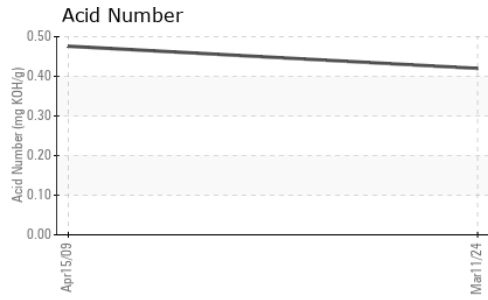
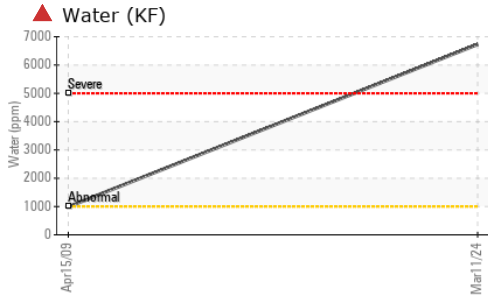
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >60	10	0	---
Sodium	ppm	ASTM D5185m	0	1	---
Potassium	ppm	ASTM D5185m >20	<1	0	---
Water	%	ASTM D6304 >.1	▲ 0.673	0.099	---
ppm Water	ppm	ASTM D6304 >1000	▲ 6730	990	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.42	0.476	---

OIL ANALYSIS REPORT



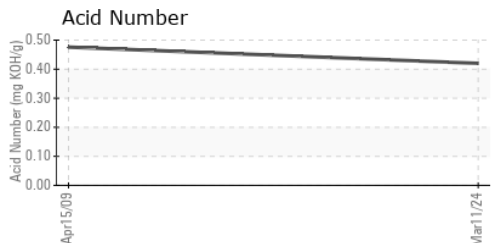
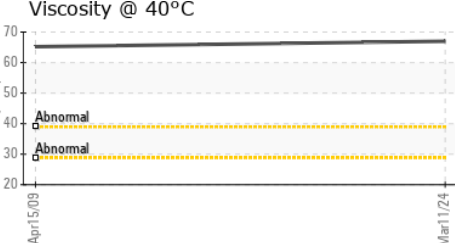
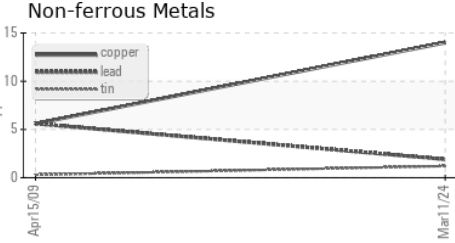
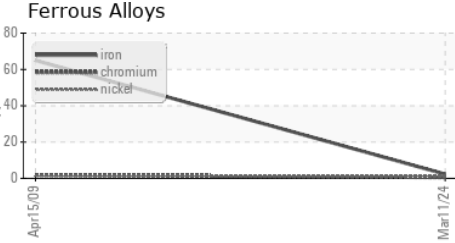
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.1	▲ 0.2%	0.1%	---
Free Water	scalar	*Visual		▲ >10%	NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	67.0	65.21	---

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. : RP06145956 **Received** : 11 Apr 2024
Lab Number : 06145956 **Tested** : 15 Apr 2024
Unique Number : 10976034 **Diagnosed** : 15 Apr 2024 - Don Baldrige
Test Package : IND 2

SYMRISE
 601 CRESTWOOD ST
 JACKSONVILLE, FL
 US 32208
 Contact: ADAM BOVITCH
 ADAM.BOVITCH@SYMRISE.COM
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 F:

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)