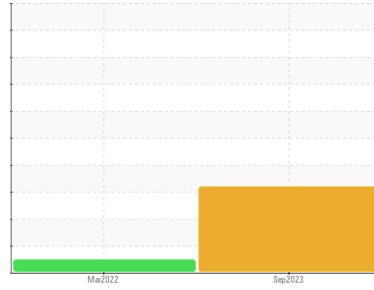


PROBLEM SUMMARY

Area
PALEXTRA 44
Machine Id
INGERSOLL RAND EE2852U08240 - PACTIV 1
Component
Compressor

Sample Rating Trend

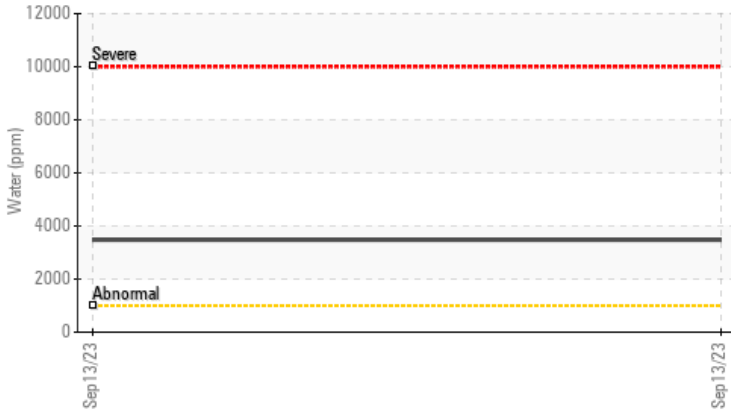


WATER



COMPONENT CONDITION SUMMARY

▲ Water (KF)



RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	NORMAL	---
Water	%	ASTM D6304	>0.1	▲ 0.348	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 3480	---	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	NEG	---
Free Water	scalar	*Visual		▲ 10.0	NEG	---

Customer Id: UCTOTMOD
Sample No.: UCS05959913
Lab Number: 05959913
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.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

15 Mar 2022 Diag: Don Baldrige

NORMAL

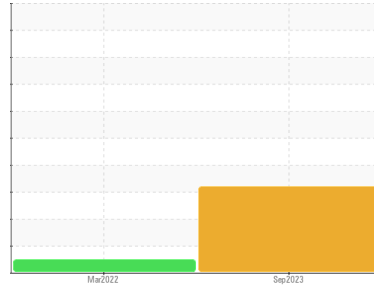


Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



Area
PALEXTRA 44
Machine Id
INGERSOLL RAND EE2852U08240 - PACTIV 1
Component
Compressor



DIAGNOSIS

▲ Recommendation

We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

▲ Contamination

Moderate concentration of visible dirt/debris present in the oil. There is a light 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		UCS05959913	UCS05493005	---
Sample Date	Client Info		13 Sep 2023	15 Mar 2022	---
Machine Age	hrs	Client Info	92801	2000	---
Oil Age	hrs	Client Info	3500	2000	---
Oil Changed		Client Info	N/A	Changed	---
Sample Status			ATTENTION	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	7	14	---
Chromium	ppm	ASTM D5185m >10	0	0	---
Nickel	ppm	ASTM D5185m	0	<1	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	2	<1	---
Lead	ppm	ASTM D5185m >25	2	1	---
Copper	ppm	ASTM D5185m >50	26	3	---
Tin	ppm	ASTM D5185m >15	<1	1	---
Antimony	ppm	ASTM D5185m	---	<1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	0	3	---
Barium	ppm	ASTM D5185m 0.3	0	499	---
Molybdenum	ppm	ASTM D5185m 0	<1	0	---
Manganese	ppm	ASTM D5185m 0.3	<1	<1	---
Magnesium	ppm	ASTM D5185m 0.4	0	3	---
Calcium	ppm	ASTM D5185m 0	1	4	---
Phosphorus	ppm	ASTM D5185m 689	378	32	---
Zinc	ppm	ASTM D5185m 0	0	16	---
Sulfur	ppm	ASTM D5185m 1237	576	335	---

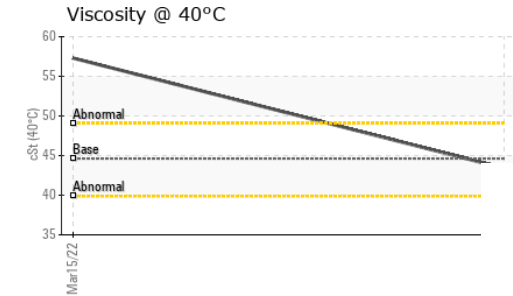
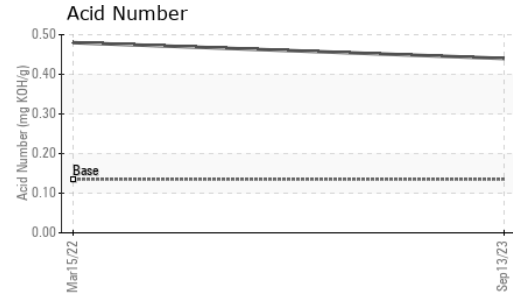
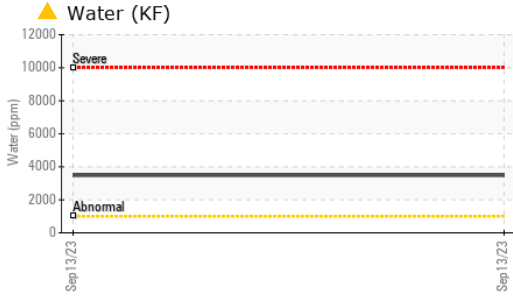
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	3	4	---
Sodium	ppm	ASTM D5185m	2	55	---
Potassium	ppm	ASTM D5185m >20	0	9	---
Water	%	ASTM D6304 >0.1	▲ 0.348	---	---
ppm Water	ppm	ASTM D6304 >1000	▲ 3480	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.135	0.44	0.48	---

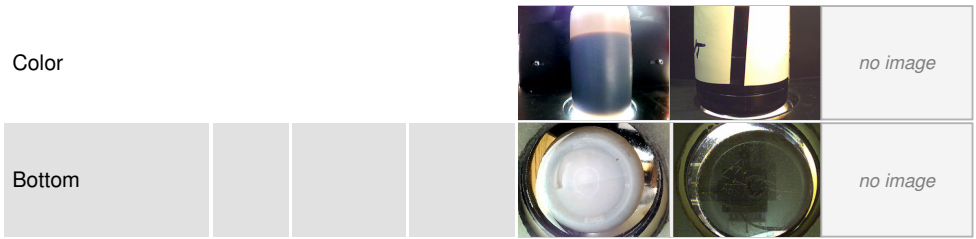
OIL ANALYSIS REPORT



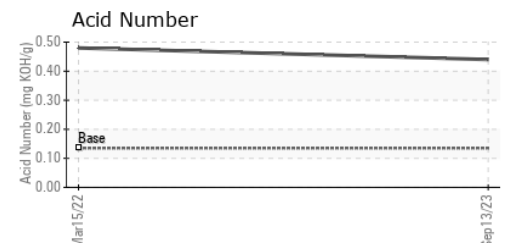
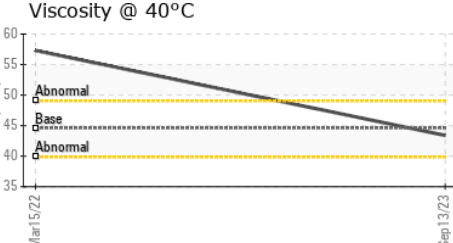
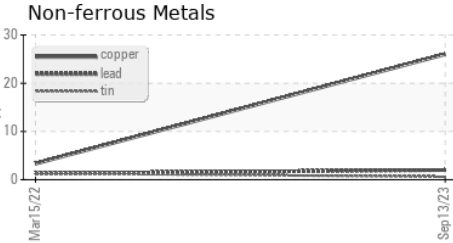
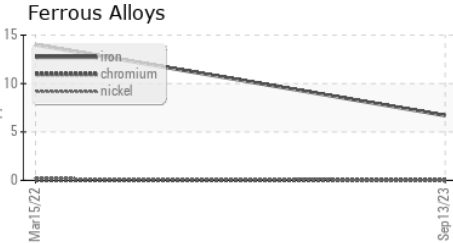
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	NEG
Free Water	scalar	*Visual		▲ 10.0	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.62	43.4	57.3

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS05959913 **Received** : 25 Sep 2023
Lab Number : 05959913 **Diagnosed** : 26 Sep 2023
Unique Number : 10661126 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

TOTAL POWER
 1440 CARPENTER LN
 MODESTO, CA
 US 95351
 Contact: STEVE TURNER
 totalpowersteve@yahoo.com
 T: (209)605-4465
 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)