

PROBLEM SUMMARY

Sample Rating Trend

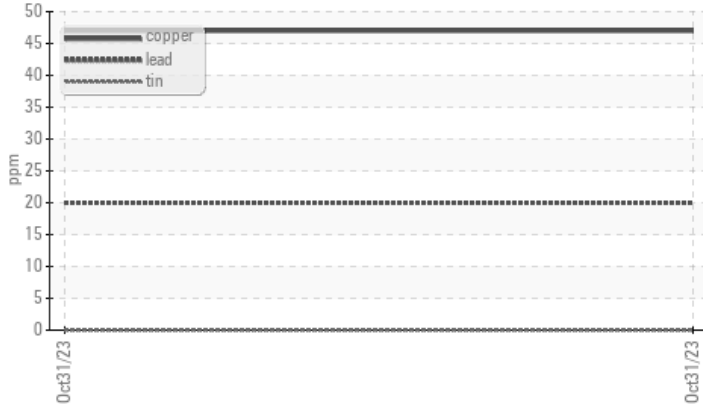
WEAR

Area
HYDR
Machine Id
[HYDR] PUMP, #2 HYD (BFW) BOILER FEED WATER, SOUTH
Component
Pump
Fluid
ROYAL PURPLE SYNFILM GT 32 (--- GAL)



COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



RECOMMENDATION

No corrective action is recommended at this time.
Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Lead	ppm	ASTM D5185m	>12	▲ 20	---	---
Copper	ppm	ASTM D5185m	>30	▲ 47	---	---

Customer Id: CALSHR
Sample No.: RP0034761
Lab Number: 05998484
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

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
HYDR
 Machine Id
[HYDR] PUMP, #2 HYD (BFW) BOILER FEED WATER, SOUTH
 Component
Pump
 Fluid
ROYAL PURPLE SYNFILM GT 32 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Bearing and/or bushing wear is indicated.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	RP0034761	---	---
Sample Date	Client Info	31 Oct 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Not Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>90	12	---	---
Chromium ppm ASTM D5185m	>5	0	---	---
Nickel ppm ASTM D5185m	>5	0	---	---
Titanium ppm ASTM D5185m	>3	0	---	---
Silver ppm ASTM D5185m	>3	0	---	---
Aluminum ppm ASTM D5185m	>7	0	---	---
Lead ppm ASTM D5185m	>12	▲ 20	---	---
Copper ppm ASTM D5185m	>30	▲ 47	---	---
Tin ppm ASTM D5185m	>9	0	---	---
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		0	---	---
Molybdenum ppm ASTM D5185m		0	---	---
Manganese ppm ASTM D5185m		3	---	---
Magnesium ppm ASTM D5185m		19	---	---
Calcium ppm ASTM D5185m		0	---	---
Phosphorus ppm ASTM D5185m		55	---	---
Zinc ppm ASTM D5185m		7	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>60	8	---	---
Sodium ppm ASTM D5185m		4	---	---
Potassium ppm ASTM D5185m	>20	0	---	---
Water % ASTM D6304	>.1	0.023	---	---
ppm Water ppm ASTM D6304	>1000	235.8	---	---

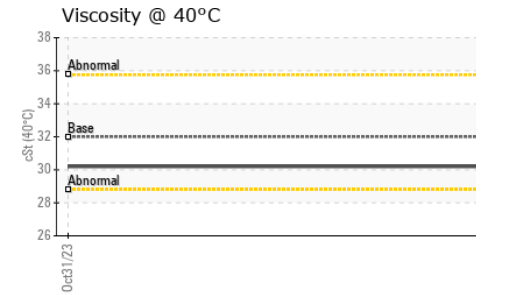
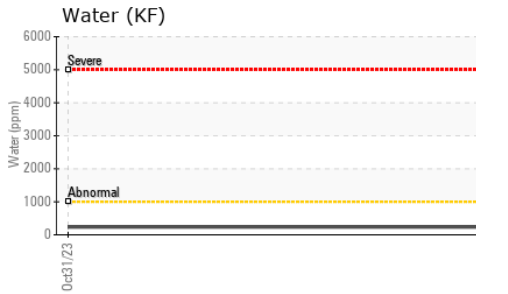
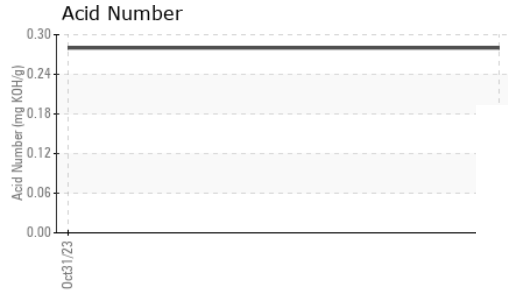
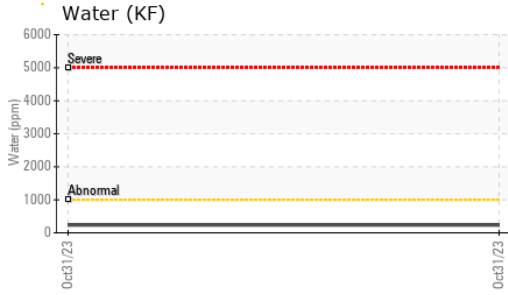
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.28	---	---

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	>.1	NEG	---	---
Free Water scalar *Visual		NEG	---	---

OIL ANALYSIS REPORT



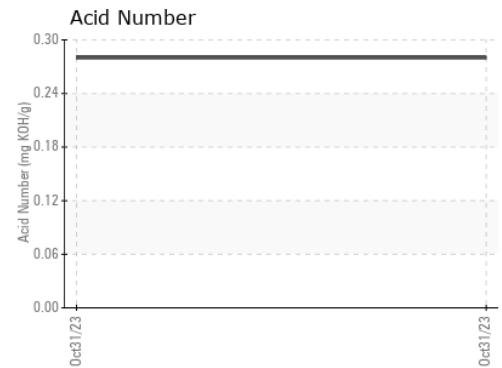
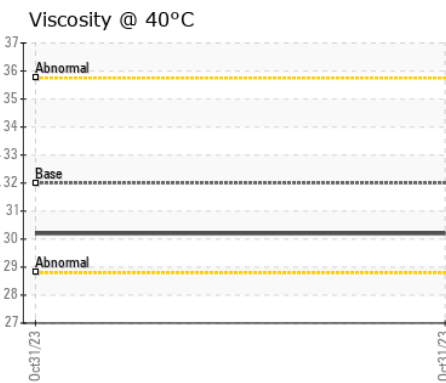
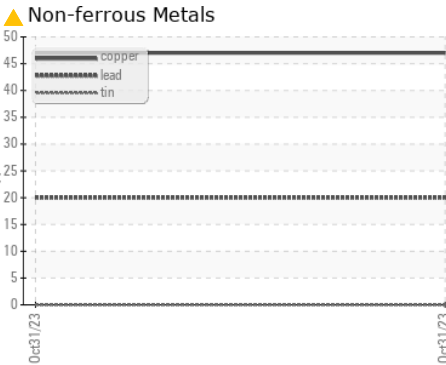
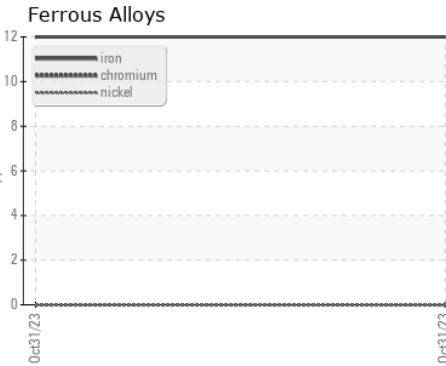
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445 32	30.2	---	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0034761 **Received** : 03 Nov 2023
Lab Number : 05998484 **Diagnosed** : 07 Nov 2023
Unique Number : 10726844 **Diagnostician** : Don Baldrige
Test Package : 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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