



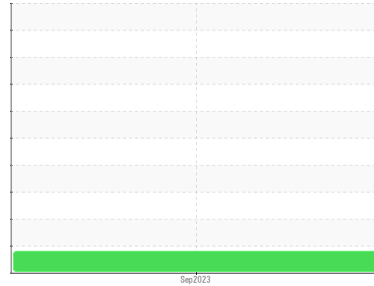
PROBLEM SUMMARY

Sample Rating Trend

WEAR

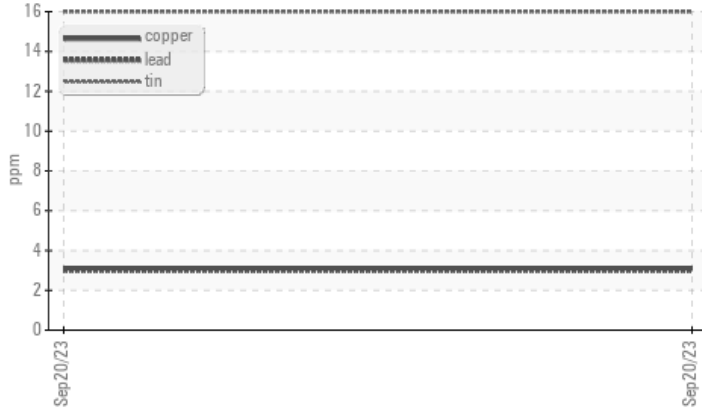


Area
WO 68
Machine Id
LL 1 - BUFFALO WATER
Component
Drive End Pump



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				ATTENTION	---	---
Tin	ppm	ASTM D5185m	>9	▲ 16	---	---

Customer Id: UCCORROC
Sample No.: UCH05959916
Lab Number: 05959916
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



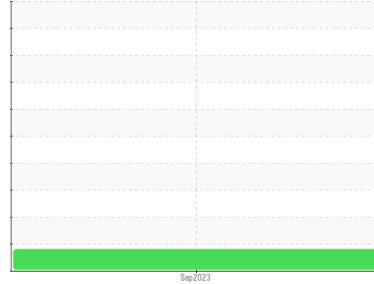
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area
WO 68
 Machine Id
LL 1 - BUFFALO WATER
 Component
Drive End Pump



DIAGNOSIS

Recommendation

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

Wear

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

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	UCH05959916	---	---
Sample Date	Client Info	20 Sep 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>90	18	---	---
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	2	---	---
Lead ppm ASTM D5185m	>12	3	---	---
Copper ppm ASTM D5185m	>30	3	---	---
Tin ppm ASTM D5185m	>9	▲ 16	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m	5	0	---	---
Barium ppm ASTM D5185m	5	0	---	---
Molybdenum ppm ASTM D5185m	5	<1	---	---
Manganese ppm ASTM D5185m		1	---	---
Magnesium ppm ASTM D5185m	5	<1	---	---
Calcium ppm ASTM D5185m	12	<1	---	---
Phosphorus ppm ASTM D5185m	400	591	---	---
Zinc ppm ASTM D5185m	12	0	---	---
Sulfur ppm ASTM D5185m	650	690	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>60	5	---	---
Sodium ppm ASTM D5185m		2	---	---
Potassium ppm ASTM D5185m	>20	0	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.50	0.43	---	---

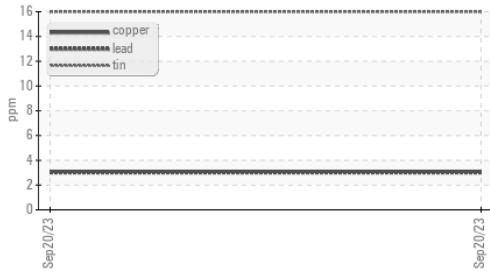
VISUAL

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	LIGHT	---	---
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

▲ Non-ferrous Metals



Acid Number



Viscosity @ 40°C



FLUID PROPERTIES

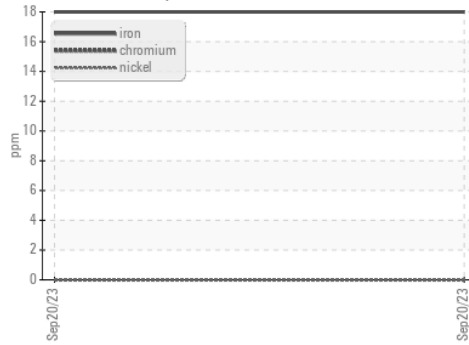
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	68	65.5	---

SAMPLE IMAGES

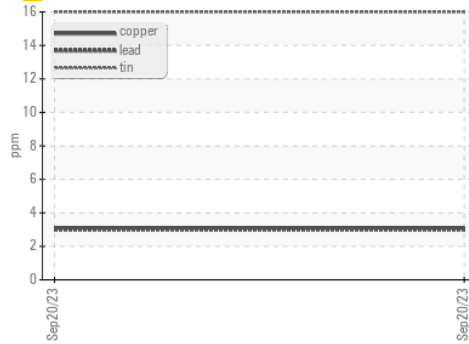
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

GRAPHS

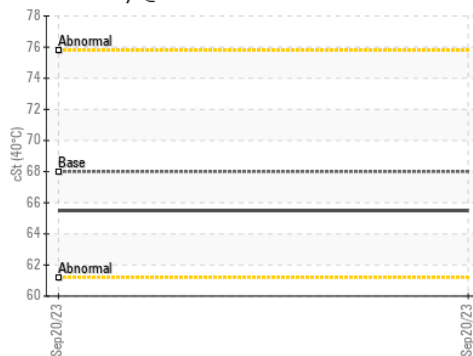
Ferrous Alloys



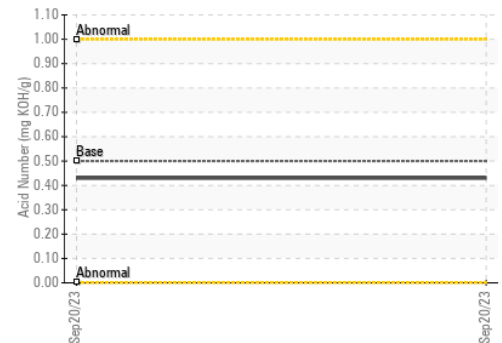
▲ Non-ferrous Metals



Viscosity @ 40°C



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05959916 **Received** : 25 Sep 2023
Lab Number : 05959916 **Diagnosed** : 26 Sep 2023
Unique Number : 10661129 **Diagnostician** : Don Baldrige
Test Package : IND 2

CORROSION PRODUCTS & EQUIPMENT INC
 110 ELMGROVE PARK
 ROCHESTER, NY
 US 14624
 Contact: Bill Cox
 cox@corrosion-products.com
 T: (585)455-7978
 F: (585)247-7268

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)