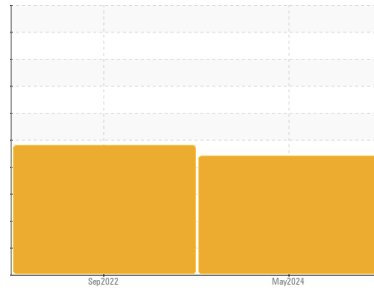




PROBLEM SUMMARY

Area
CHEMLUBE 634 [1669070]
 Machine Id
L6-TRFR-SILO17-ROT-AL-GBOX - PF NONWOVENS
 Component
Gearbox

Sample Rating Trend

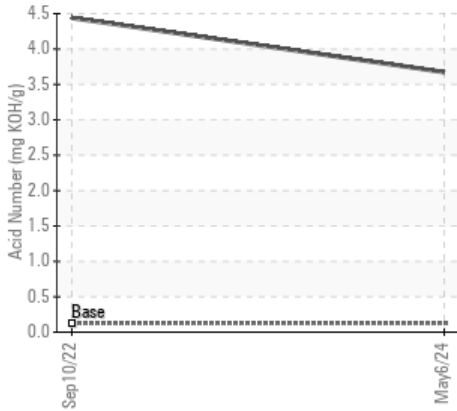


DEGRADATION

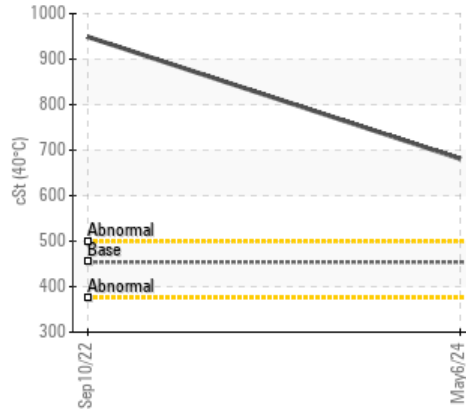


COMPONENT CONDITION SUMMARY

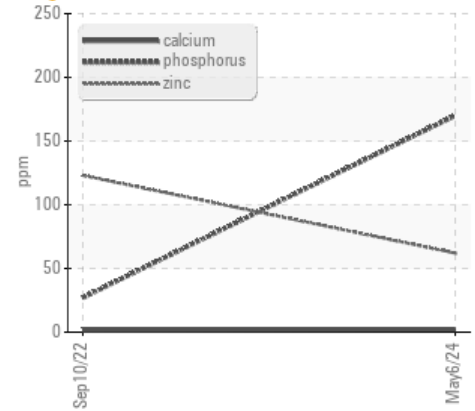
▲ Acid Number



▲ Viscosity @ 40°C



● Additives



RECOMMENDATION

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status		SEVERE	SEVERE	---		
Acid Number (AN)	mg KOH/g	ASTM D8045	0.124	▲ 3.673	▲ 4.44	---
Visc @ 40°C	cSt	ASTM D445	453.9	▲ 681	▲ 949	---

Customer Id: UCPROWES
 Sample No.: UCH06205637
 Lab Number: 06205637
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Sean Felton +1 919-379-4092
sfelton@wearcheckusa.com

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	---	---	?	We recommend that you drain the oil from the component if this has not already been done.
Check Fluid Source	---	---	?	Confirm the source of the lubricant being utilized for top-up/fill.

HISTORICAL DIAGNOSIS

DEGRADATION



10 Sep 2022 Diag: Angela Borella

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. 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 much higher than the recommended limit. Viscosity of sample indicates oil is within ISO 1000 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The oil is no longer serviceable.

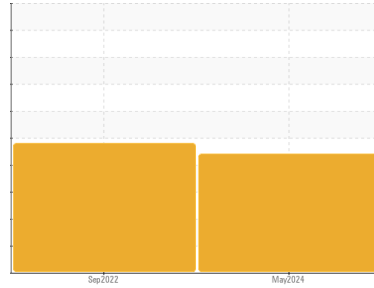
view report





OIL ANALYSIS REPORT

Sample Rating Trend



DEGRADATION



Area

CHEMLUBE 634 [1669070]

Machine Id

L6-TRFR-SILO17-ROT-AL-GBOX - PF NONWOVENS

Component

Gearbox

DIAGNOSIS

▲ Recommendation

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

▲ Fluid Condition

The AN level is much higher than the recommended limit. Viscosity of sample indicates oil is within ISO 1000 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The oil is no longer serviceable.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH06205637	UCH05676320	---
Sample Date	Client Info		06 May 2024	10 Sep 2022	---
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	SEVERE	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	62	150	---
Chromium	ppm	ASTM D5185m >15	<1	1	---
Nickel	ppm	ASTM D5185m >15	0	0	---
Titanium	ppm	ASTM D5185m	0	<1	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	7	21	---
Lead	ppm	ASTM D5185m >100	4	5	---
Copper	ppm	ASTM D5185m >200	41	54	---
Tin	ppm	ASTM D5185m >25	1	0	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.9	9	3	---
Barium	ppm	ASTM D5185m 0.1	0	0	---
Molybdenum	ppm	ASTM D5185m 0	2	0	---
Manganese	ppm	ASTM D5185m 0.2	3	4	---
Magnesium	ppm	ASTM D5185m 0.5	4	12	---
Calcium	ppm	ASTM D5185m 0	2	2	---
Phosphorus	ppm	ASTM D5185m 1390	170	27	---
Zinc	ppm	ASTM D5185m 0	62	123	---
Sulfur	ppm	ASTM D5185m 291	7225	4831	---

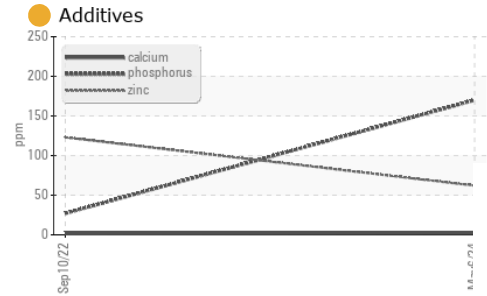
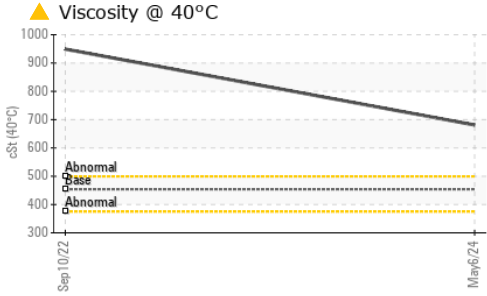
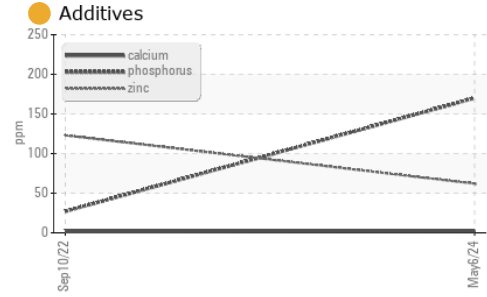
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	8	22	---
Sodium	ppm	ASTM D5185m	2	0	---
Potassium	ppm	ASTM D5185m >20	6	2	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.124	▲ 3.673	▲ 4.44	---

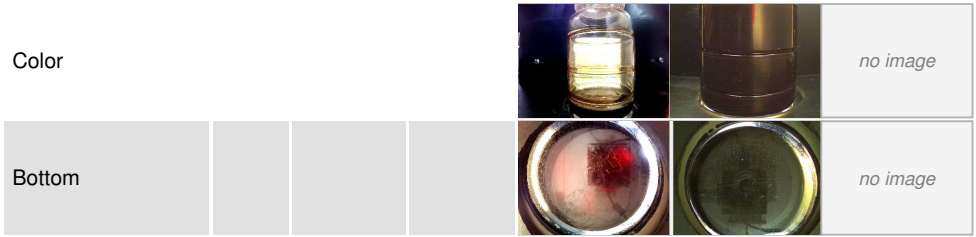
OIL ANALYSIS REPORT



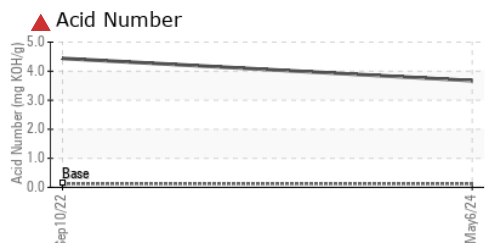
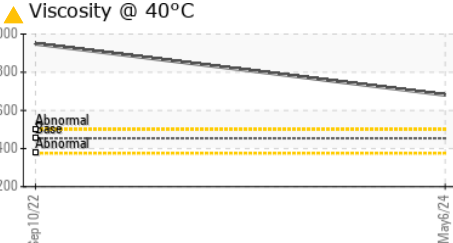
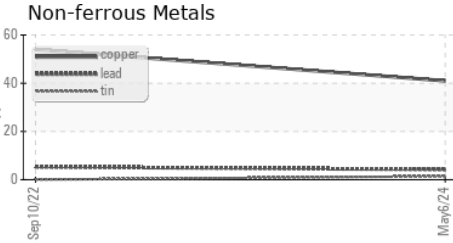
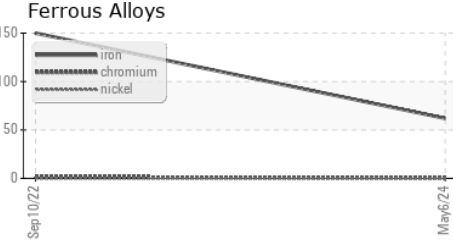
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	453.9 ▲ 681	▲ 949	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06205637 **Received** : 10 Jun 2024
Lab Number : 06205637 **Tested** : 13 Jun 2024
Unique Number : 11073098 **Diagnosed** : 13 Jun 2024 - Sean Felton
Test Package : IND 2

CORROSION PRODUCTS & EQUIPMENT
 940 POINTVIEW AVE
 EPHRATA, PA
 US 17522
 Contact: RYAN HUNGARTER
 rhungarter@corrosion-products.com
 T: (717)961-1998
 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)