



PROBLEM SUMMARY

Area
CHEMLUBE 634 [1664883]
 Machine Id
PELLATICING KNIFE SHIFT
 Component
Gearbox

Sample Rating Trend

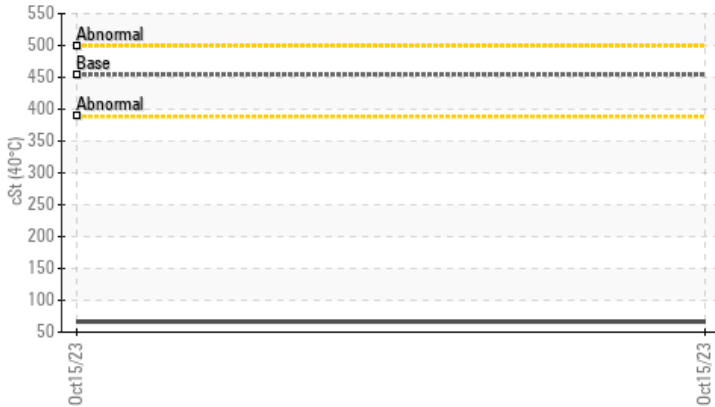


VISCOSITY

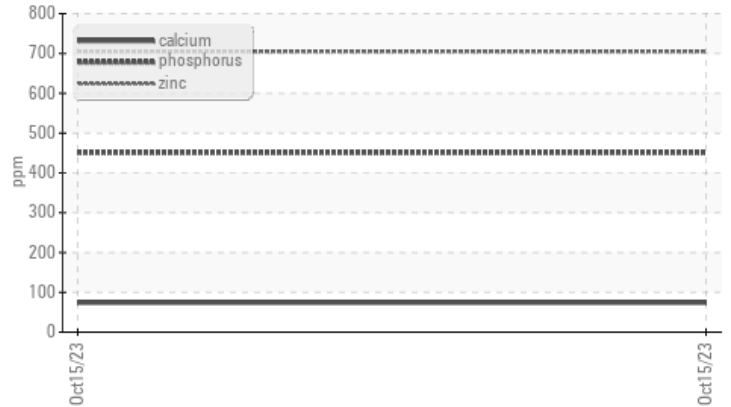


COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



▲ Additives



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	---	---
Calcium	ppm	ASTM D5185m	0	▲ 74	---	---
Zinc	ppm	ASTM D5185m	0	▲ 705	---	---
Sulfur	ppm	ASTM D5185m	291	▲ 8583	---	---
Visc @ 40°C	cSt	ASTM D445	453.9	▲ 66.5	---	---

Customer Id: UCPROWES
 Sample No.: UCH05997457
 Lab Number: 05997457
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

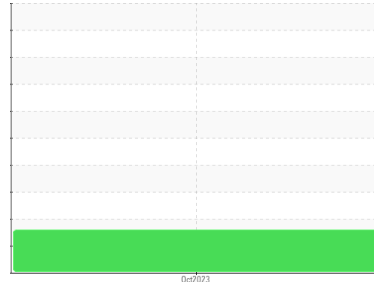
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Area
CHEMLUBE 634 [1664883]
 Machine Id
PELLATICING KNIFE SHIFT
 Component
Gearbox

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	UCH05997457	---	---
Sample Date	Client Info	15 Oct 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 >200	<1	---
Chromium	ppm	ASTM D5185m >15	<1	---
Nickel	ppm	ASTM D5185m >15	0	---
Titanium	ppm	ASTM D5185m	0	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >25	<1	---
Lead	ppm	ASTM D5185m >100	<1	---
Copper	ppm	ASTM D5185m >200	6	---
Tin	ppm	ASTM D5185m >25	0	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.9	0	---
Barium	ppm	ASTM D5185m 0.1	0	---
Molybdenum	ppm	ASTM D5185m 0	0	---
Manganese	ppm	ASTM D5185m 0.2	0	---
Magnesium	ppm	ASTM D5185m 0.5	<1	---
Calcium	ppm	ASTM D5185m 0	▲ 74	---
Phosphorus	ppm	ASTM D5185m 1390	451	---
Zinc	ppm	ASTM D5185m 0	▲ 705	---
Sulfur	ppm	ASTM D5185m 291	▲ 8583	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	1	---
Sodium	ppm	ASTM D5185m	0	---
Potassium	ppm	ASTM D5185m >20	1	---

FLUID DEGRADATION

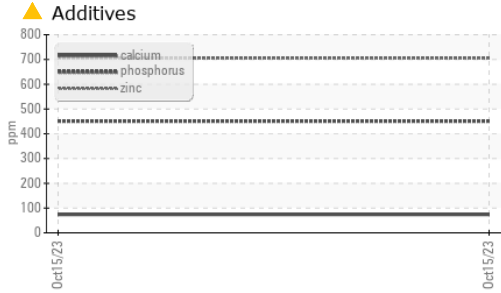
method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.124	0.74	---

VISUAL

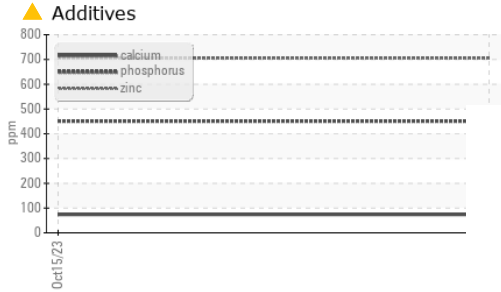
method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	---
Debris	scalar	*Visual NONE	LIGHT	---
Sand/Dirt	scalar	*Visual NONE	NONE	---
Appearance	scalar	*Visual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



OIL ANALYSIS REPORT

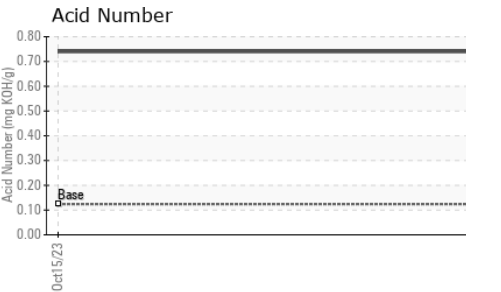


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	453.9 ▲ 66.5	---	---

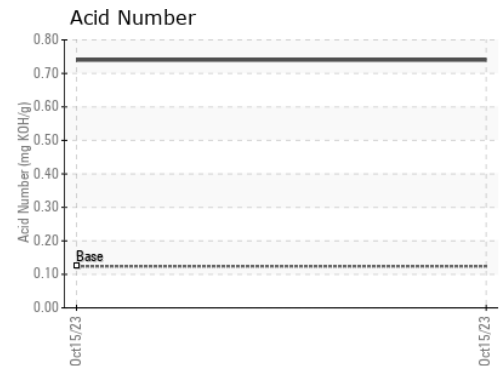
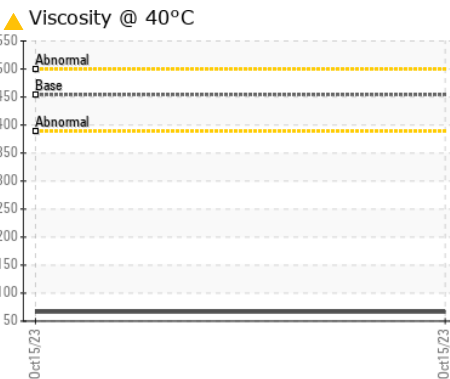
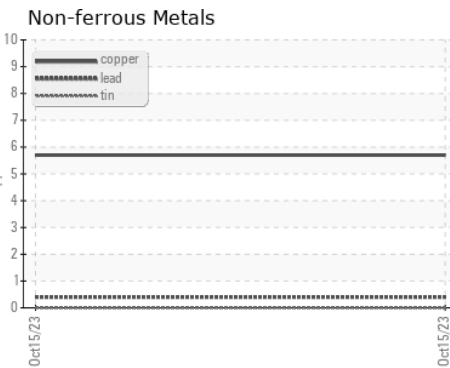
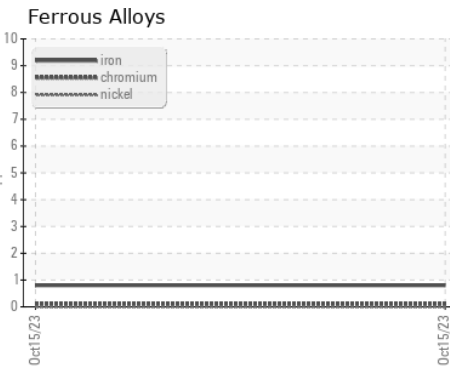


SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image
Bottom				no image	no image



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05997457 **Received** : 02 Nov 2023
Lab Number : 05997457 **Diagnosed** : 07 Nov 2023
Unique Number : 10725817 **Diagnostician** : Jonathan Hester
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)