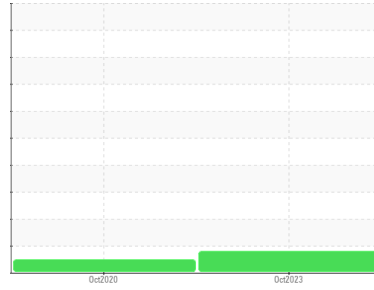




PROBLEM SUMMARY

Area
MARLOTHERM [1664883]
 Machine Id
EREMA - PFNONWOVENS
 Component
Gearbox

Sample Rating Trend



CONTAMINANT



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status	ATTENTION	NORMAL	---
Appearance	scalar *Visual	NORML	▲ HAZY NORML ---

Customer Id: UCPROWES
Sample No.: UCH05997430
Lab Number: 05997430
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

03 Oct 2020 Diag: Doug Bogart

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

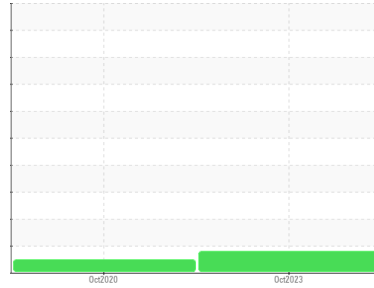
view report





OIL ANALYSIS REPORT

Sample Rating Trend



CONTAMINANT



Area
MARLOTHERM [1664883]
 Machine Id
EREMA - PFNONWOVENS
 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

Appearance is hazy. There is a trace of moisture present in the oil. Moderate concentration of visible dirt/debris present 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		UCH05997430	UCH05088288	---
Sample Date	Client Info		15 Oct 2023	03 Oct 2020	---
Machine Age	hrs	Client Info	0	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ATTENTION	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	48	<1	---
Chromium	ppm	ASTM D5185m >15	<1	0	---
Nickel	ppm	ASTM D5185m >15	<1	0	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	2	---
Aluminum	ppm	ASTM D5185m >25	<1	0	---
Lead	ppm	ASTM D5185m >100	0	<1	---
Copper	ppm	ASTM D5185m >200	1	1	---
Tin	ppm	ASTM D5185m >25	0	0	---
Antimony	ppm	ASTM D5185m >5	---	0	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	2	---
Barium	ppm	ASTM D5185m	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	---
Manganese	ppm	ASTM D5185m	0	0	---
Magnesium	ppm	ASTM D5185m	<1	1	---
Calcium	ppm	ASTM D5185m	0	94	---
Phosphorus	ppm	ASTM D5185m	0	343	---
Zinc	ppm	ASTM D5185m	0	406	---
Sulfur	ppm	ASTM D5185m	0	3920	---

CONTAMINANTS

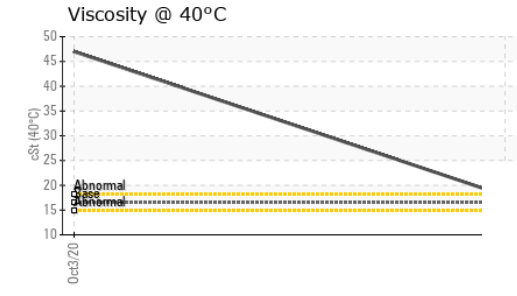
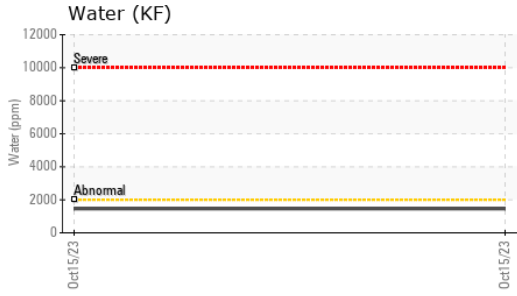
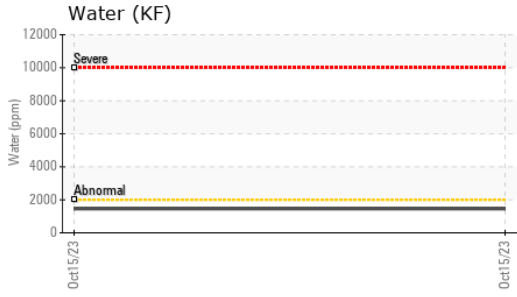
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	3	<1	---
Sodium	ppm	ASTM D5185m	0	0	---
Potassium	ppm	ASTM D5185m >20	2	<1	---
Water	%	ASTM D6304 >0.2	0.146	---	---
ppm Water	ppm	ASTM D6304 >2000	1460	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.02	0.25	0.458	---



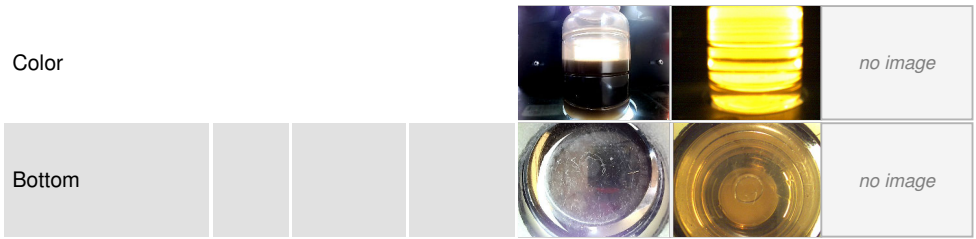
OIL ANALYSIS REPORT



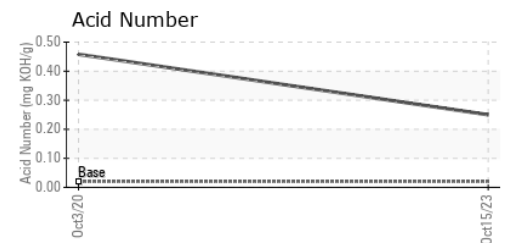
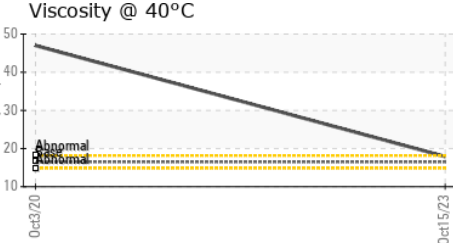
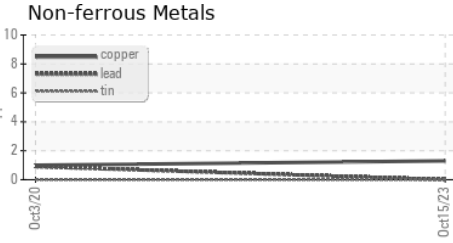
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	16.5	17.9	47.0

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



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05997430 **Received** : 02 Nov 2023
Lab Number : 05997430 **Diagnosed** : 07 Nov 2023
Unique Number : 10725790 **Diagnostician** : Jonathan Hester
Test Package : IND 2 (Additional Tests: KF)

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)