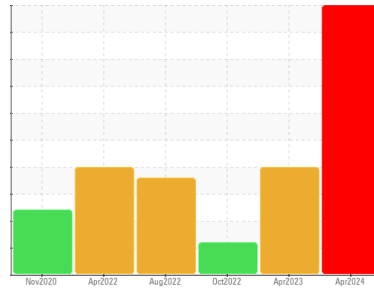




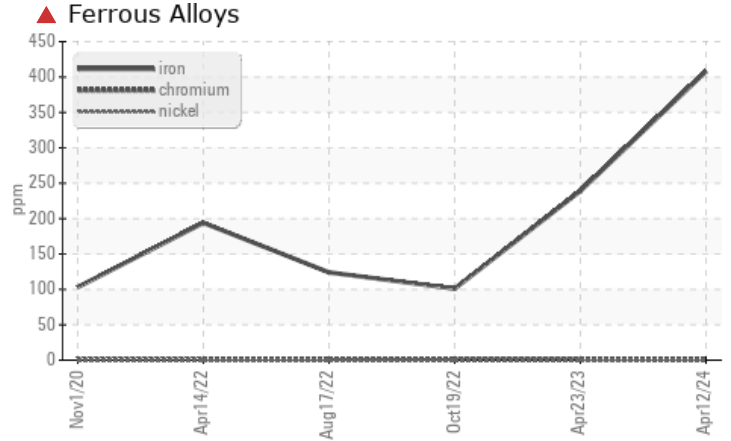
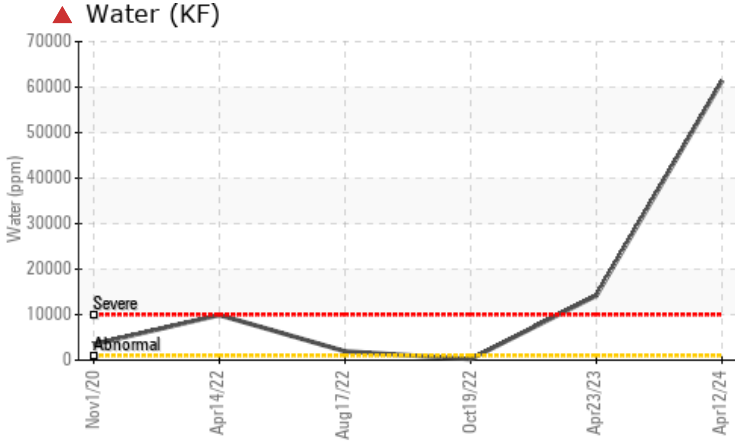
PROBLEM SUMMARY

Area
CHEESE DEPT
 Machine Id
SL73AG21GB21
 Component
Agitator Gearbox
 Fluid
MOBIL SHC CIBUS 220 (--- GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>150	▲ 408	▲ 239	101
Water	%	ASTM D6304	>0.1	▲ 6.14	▲ 1.42	0.023
ppm Water	ppm	ASTM D6304	>1000	▲ 61400	▲ 14200	230
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	▲ 0.2%	0.2%

Customer Id: LEPCRE
 Sample No.: WC0927356
 Lab Number: 06158635
 Test Package: IND 1



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

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Change Fluid	---	---	?	We recommend that you drain the oil from the component if this has not already been done.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Water Access	---	---	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS

WATER



23 Apr 2023 Diag: Angela Borella

Check seals and/or filters for points of contaminant entry. We advise that you check for the source of water entry. Inspect/change air breather if applicable. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The iron level is abnormal. All other component wear rates are normal. Appearance is unacceptable There is a high concentration of water present in the oil. There is a high amount of visible silt present in the sample. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

[view report](#)



SEDIMENT



19 Oct 2022 Diag: Don Baldrige

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. There is a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

[view report](#)



WATER



17 Aug 2022 Diag: Jonathan Hester

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor. All component wear rates are normal. Free water present. There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

[view report](#)

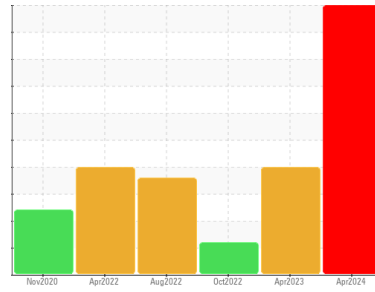




OIL ANALYSIS REPORT

Area
CHEESE DEPT
 Machine Id
SL73AG21GB21
 Component
Agitator Gearbox
 Fluid
MOBIL SHC CIBUS 220 (--- GAL)

Sample Rating Trend



DIAGNOSIS

▲ Recommendation

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

▲ Wear

Gear wear is indicated.

▲ Contamination

Appearance is milky. There is a high concentration of water present in the oil.

Fluid Condition

The oil is no longer serviceable due to the presence of contaminants.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0927356	WC0805927	WC0747456
Sample Date	Client Info		12 Apr 2024	23 Apr 2023	19 Oct 2022
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			SEVERE	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >150	▲ 408	▲ 239	101
Chromium	ppm	ASTM D5185m >10	<1	<1	<1
Nickel	ppm	ASTM D5185m >10	0	<1	<1
Titanium	ppm	ASTM D5185m	2	2	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	<1	0	<1
Lead	ppm	ASTM D5185m >100	0	0	0
Copper	ppm	ASTM D5185m >50	0	<1	<1
Tin	ppm	ASTM D5185m >10	3	0	<1
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	46	20	2
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0
Manganese	ppm	ASTM D5185m	2	2	1
Magnesium	ppm	ASTM D5185m	2	3	<1
Calcium	ppm	ASTM D5185m	21	12	4
Phosphorus	ppm	ASTM D5185m	397	288	247
Zinc	ppm	ASTM D5185m	137	96	69
Sulfur	ppm	ASTM D5185m	13991	10982	11276

CONTAMINANTS

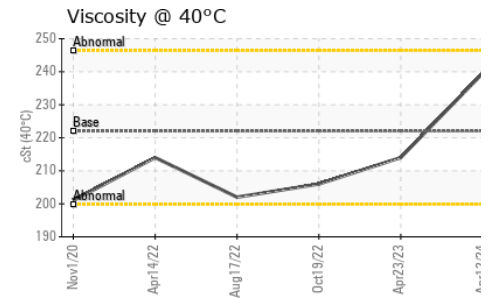
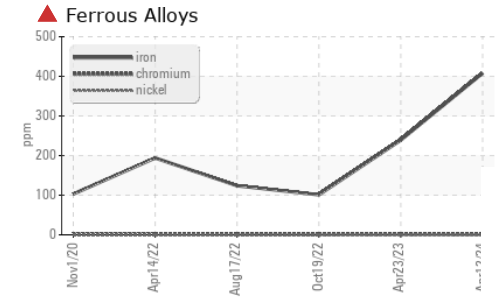
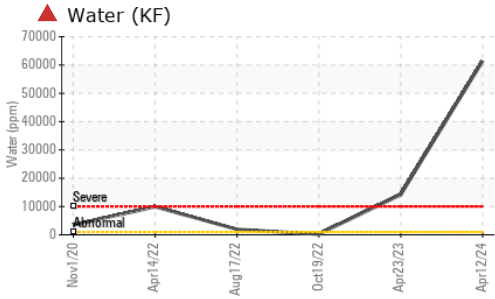
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	12	8	4
Sodium	ppm	ASTM D5185m	0	0	<1
Potassium	ppm	ASTM D5185m >20	<1	1	<1
Water	%	ASTM D6304 >0.1	▲ 6.14	▲ 1.42	0.023
ppm Water	ppm	ASTM D6304 >1000	▲ 61400	▲ 14200	230

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	▲ HEAVY	▲ HEAVY
Debris	scalar	*Visual NONE	NONE	NONE	▲ MODER
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	● MILKY	● MILKY	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	▲ 0.2%	▲ 0.2%	0.2%
Free Water	scalar	*Visual	NEG	NEG	NEG

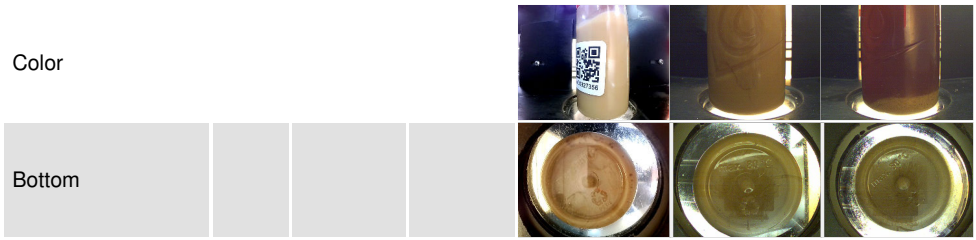


OIL ANALYSIS REPORT

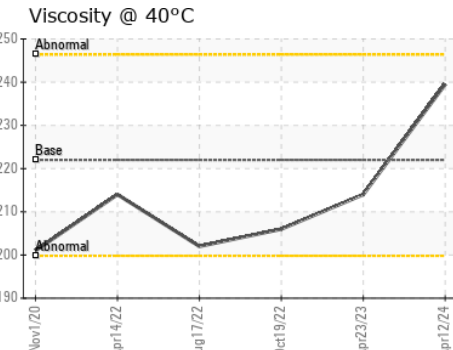
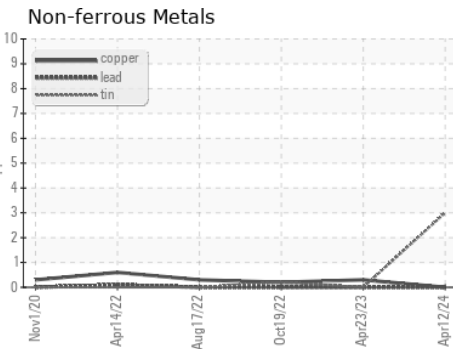
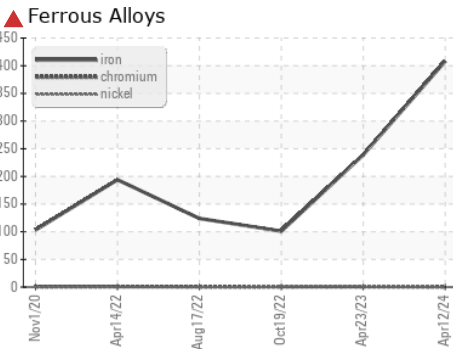


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	222	239.5	214	206

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0927356 **Received** : 23 Apr 2024
Lab Number : 06158635 **Tested** : 26 Apr 2024
Unique Number : 10994058 **Diagnosed** : 29 Apr 2024 - Jonathan Hester
Test Package : IND 1 (Additional Tests: KF)

LEPRINO FOODS-GREELEY
 1302 1ST AVE
 GREELEY, CO
 US 80631-5909
 Contact: ERIC KLINE
 EKLINE@LEPRINOFOODS.COM

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)

T:
 F: (970)347-5190