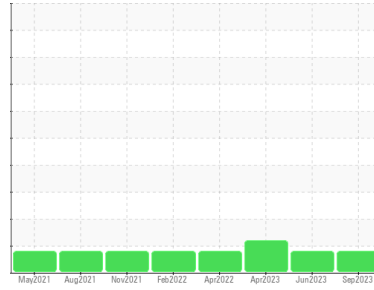




PROBLEM SUMMARY

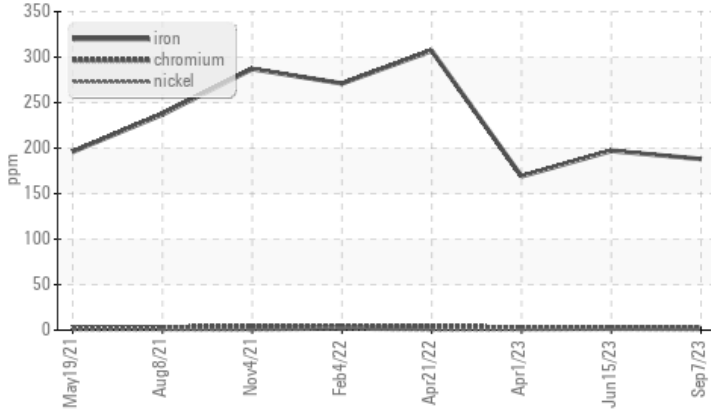
Sample Rating Trend



Area
CHEESE DEPT [1811105]
 Machine Id
PH02AG01GB01
 Component
Agitator Gearbox
 Fluid
ESSO SPARTAN EP 220 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>150
	▲ 188	▲ 197	▲ 169

Customer Id: LEPCRE
 Sample No.: WC0848818
 Lab Number: 05967294
 Test Package: IND 1



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

15 Jun 2023 Diag: Angela Borella

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



01 Apr 2023 Diag: Jonathan Hester

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

view report



21 Apr 2022 Diag: Jonathan Hester

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report





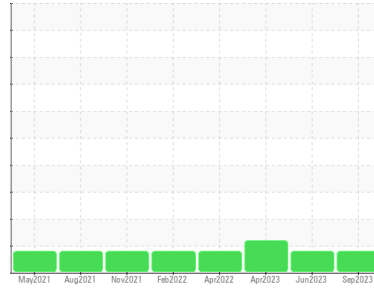
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area
CHEESE DEPT [1811105]
 Machine Id
PH02AG01GB01
 Component
Agitator Gearbox
 Fluid
ESSO SPARTAN EP 220 (--- GAL)



DIAGNOSIS

- Recommendation**
No corrective action is recommended at this time. Resample at the next service interval to monitor.
- Wear**
Gear wear is indicated. All other component wear rates are normal.
- Contamination**
There is no indication of any contamination in the oil.
- Fluid Condition**
The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0848818	WC0805940	WC0797217
Sample Date	Client Info			07 Sep 2023	15 Jun 2023	01 Apr 2023
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				ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	▲ 188	▲ 197	▲ 169
Chromium	ppm	ASTM D5185m	>10	3	3	3
Nickel	ppm	ASTM D5185m	>10	<1	<1	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	1	<1
Lead	ppm	ASTM D5185m	>100	<1	0	0
Copper	ppm	ASTM D5185m	>50	<1	<1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	.5	13	25	27
Barium	ppm	ASTM D5185m		0	0	1
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		2	2	2
Magnesium	ppm	ASTM D5185m	0	4	7	8
Calcium	ppm	ASTM D5185m	1.7	2	5	4
Phosphorus	ppm	ASTM D5185m	250	361	364	361
Zinc	ppm	ASTM D5185m	.3	23	32	28
Sulfur	ppm	ASTM D5185m		9791	11737	11173

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	3	3	2
Sodium	ppm	ASTM D5185m		3	5	4
Potassium	ppm	ASTM D5185m	>20	<1	<1	1

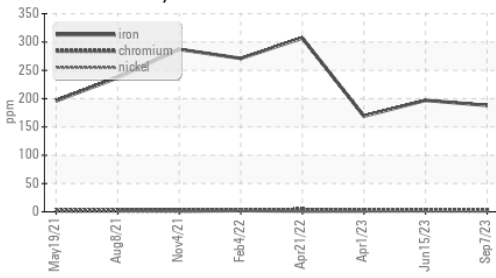
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	▲ MODER
Sand/Dirt	scalar	*Visual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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	220	219	218	218



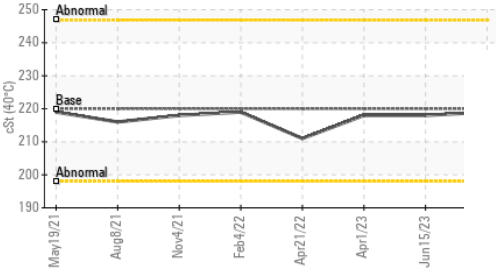
OIL ANALYSIS REPORT

▲ Ferrous Alloys



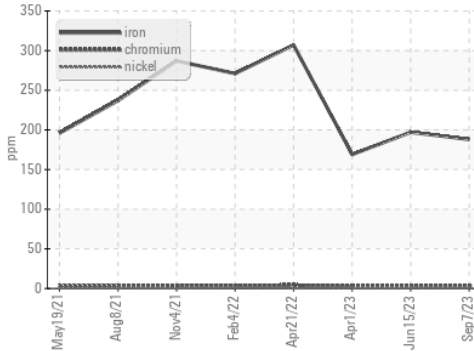
SAMPLE IMAGES	method	limit/base	current	history1	history2
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Bottom				no image	

Viscosity @ 40°C

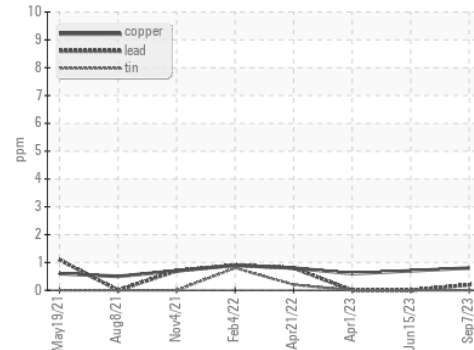


GRAPHS

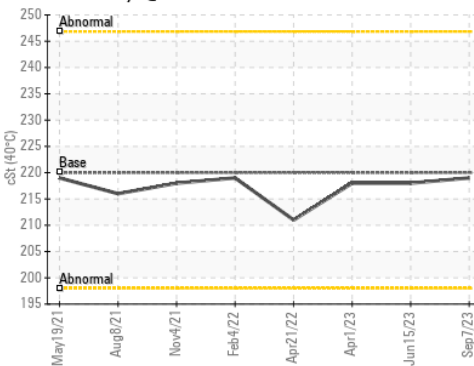
▲ Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0848818
Lab Number : 05967294
Unique Number : 10673845
Test Package : IND 1

Received : 02 Oct 2023
Diagnosed : 04 Oct 2023
Diagnostician : Don Baldrige

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 US 80631-5909
 Contact: ERIC KLINE
 EKLIN@LEPRINOFOODS.COM
 T:
 F: (970)347-5190

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)