



PROBLEM SUMMARY

Sample Rating Trend



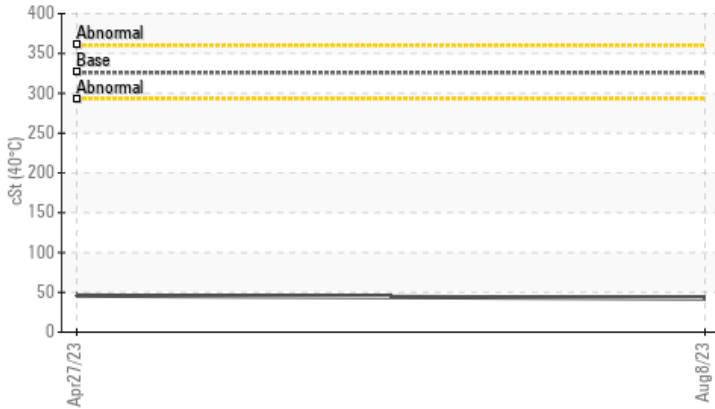
VISCOSITY



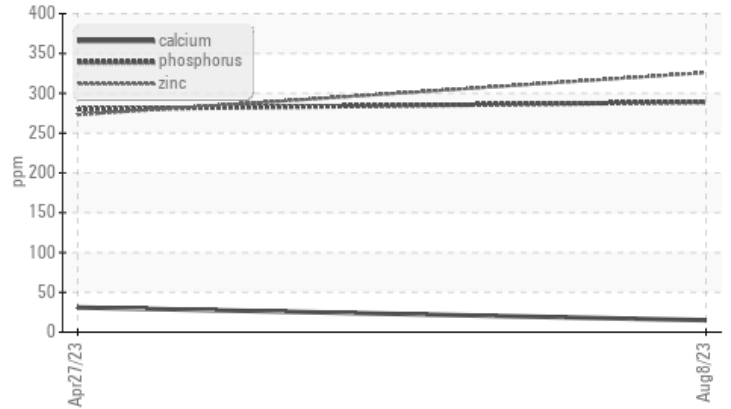
Area
[1787202]
 Machine Id
MS10 (S/N 1726-525)
 Component
Gearbox
 Fluid
MOBIL SHC 632 (2 GAL)

COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



▲ Additives



RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Monthly oil change and sample)

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	ATTENTION	---
Magnesium	ppm	ASTM D5185m		▲ 59	1	---
Zinc	ppm	ASTM D5185m		▲ 326	▲ 273	---
Sulfur	ppm	ASTM D5185m		▲ 796	▲ 353	---
Visc @ 40°C	cSt	ASTM D445	325.8	▲ 42.4	▲ 46.0	---

Customer Id: LEFOR
 Sample No.: WC0834247
 Lab Number: 05926243
 Test Package: IND 2



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

27 Apr 2023 Diag: Angela Borella

VISCOSITY



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. Confirm oil type.

view report





OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY

Area
[1787202]
 Machine Id
MS10 (S/N 1726-525)
 Component
Gearbox
 Fluid
MOBIL SHC 632 (2 GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Monthly oil change and sample)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0834247	WC0794323	---
Sample Date	Client Info		08 Aug 2023	27 Apr 2023	---
Machine Age	hrs	Client Info	11227	9021	---
Oil Age	hrs	Client Info	2206	5808	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ATTENTION	ATTENTION	---

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>200	0	2	---
Chromium	ppm	ASTM D5185m	>15	0	0	---
Nickel	ppm	ASTM D5185m	>15	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	0	6	---
Lead	ppm	ASTM D5185m	>100	0	0	---
Copper	ppm	ASTM D5185m	>200	<1	1	---
Tin	ppm	ASTM D5185m	>25	0	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m		▲ 59	1	---
Calcium	ppm	ASTM D5185m		15	▲ 31	---
Phosphorus	ppm	ASTM D5185m		289	280	---
Zinc	ppm	ASTM D5185m		▲ 326	▲ 273	---
Sulfur	ppm	ASTM D5185m		▲ 796	▲ 353	---

CONTAMINANTS

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

FLUID DEGRADATION

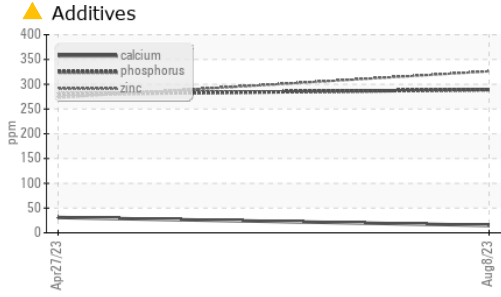
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Acid Number (AN)	mg KOH/g	ASTM D8045		0.50	0.42	---

VISUAL

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



OIL ANALYSIS REPORT

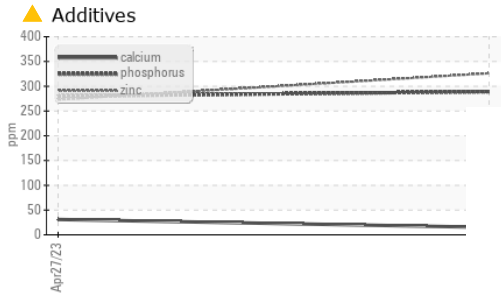


FLUID PROPERTIES

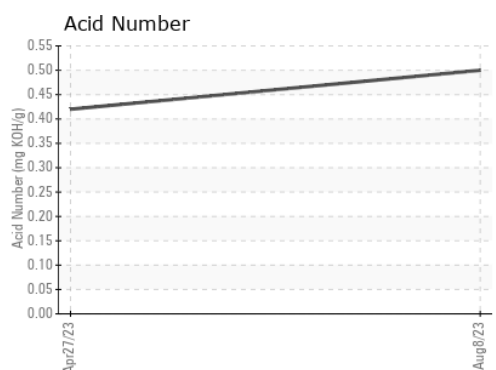
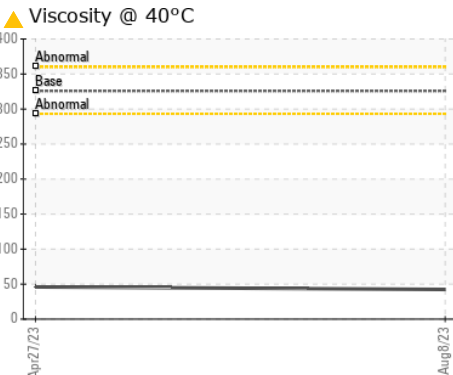
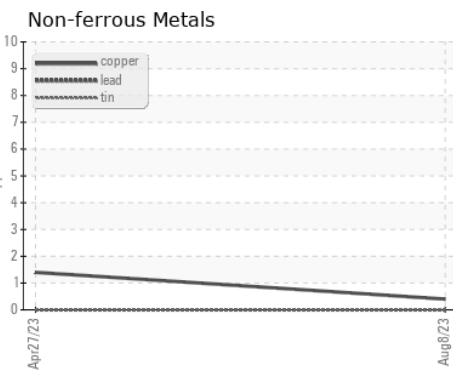
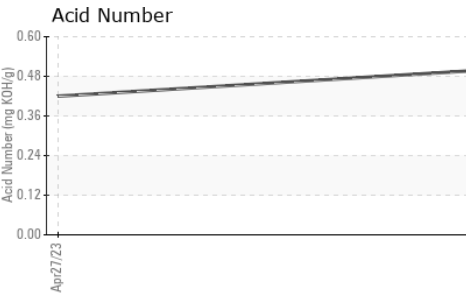
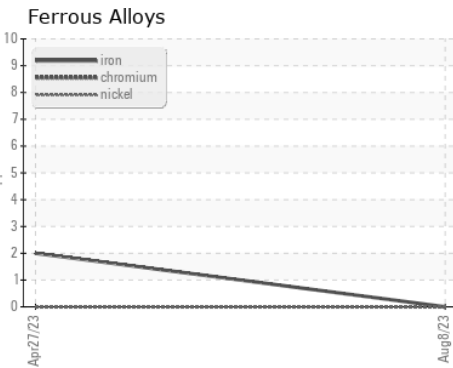
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 325.8 ▲ 42.4	▲ 46.0	---

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				no image
Bottom				no image



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0834247 **Received** : 16 Aug 2023
Lab Number : 05926243 **Diagnosed** : 17 Aug 2023
Unique Number : 10606190 **Diagnostician** : Don Baldrige
Test Package : IND 2

LEPRINO FOODS-FORT MORGAN
 2400 EAST BEAVER AVE
 FORT MORGAN, CO
 US 80701
 Contact: KEITH SCHULTE
 kschulte@leprinofoods.com
 T: (970)542-4247
 F: (970)542-4241

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)