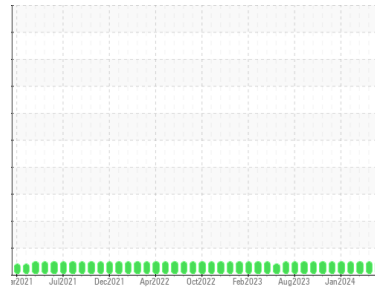




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area  
**WP08 [1980895]**  
 Machine Id  
**WP08SW02 (S/N 1715-104)**  
 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

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			<b>WC0915681</b>	WC0887658	WC0887670
Sample Date	Client Info			<b>06 Jun 2024</b>	23 Apr 2024	27 Mar 2024
Machine Age	hrs	Client Info		<b>3134</b>	2104	1457
Oil Age	hrs	Client Info		<b>1030</b>	674	668
Oil Changed	Client Info			<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.2	<b>NEG</b>	NEG	NEG

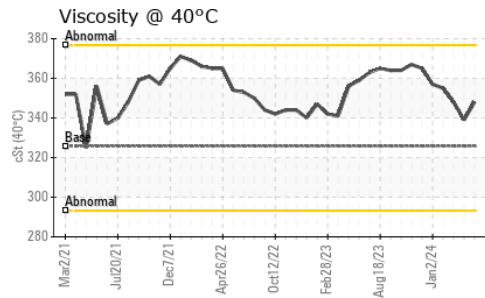
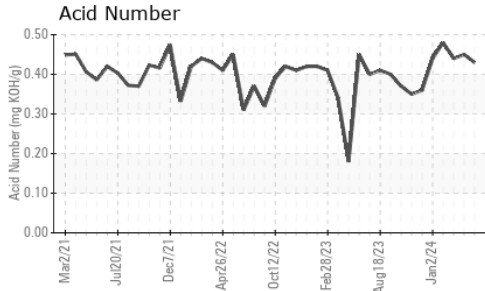
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>11</b>	4	6
Chromium	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	<1	2
Lead	ppm	ASTM D5185m	>100	<b>0</b>	0	1
Copper	ppm	ASTM D5185m	>200	<b>5</b>	5	3
Tin	ppm	ASTM D5185m	>25	<b>1</b>	<1	2
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	1

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	1
Manganese	ppm	ASTM D5185m		<b>0</b>	1	<1
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Calcium	ppm	ASTM D5185m		<b>0</b>	0	4
Phosphorus	ppm	ASTM D5185m		<b>469</b>	464	474
Zinc	ppm	ASTM D5185m		<b>20</b>	3	13
Sulfur	ppm	ASTM D5185m		<b>89</b>	64	0

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<b>5</b>	4	4
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.43</b>	0.45	0.44

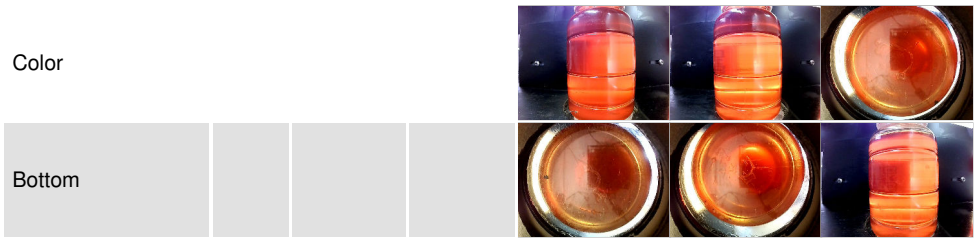
# OIL ANALYSIS REPORT



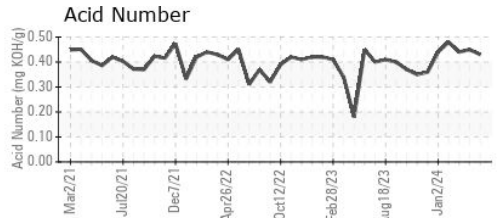
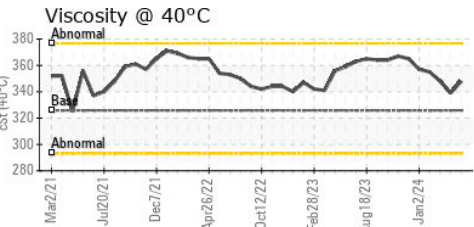
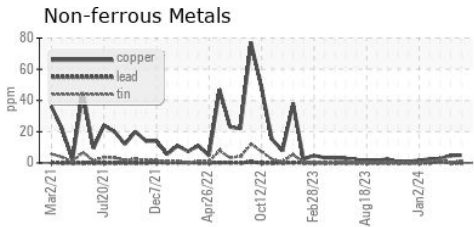
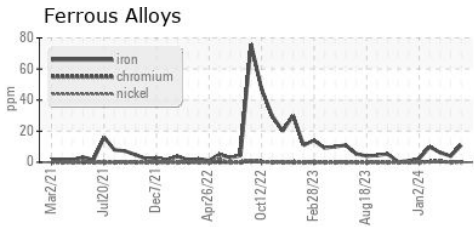
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	325.8	<b>348</b>	339	348

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0915681      **Received** : 14 Jun 2024  
**Lab Number** : **06210850**      **Tested** : 18 Jun 2024  
**Unique Number** : 11083714      **Diagnosed** : 18 Jun 2024 - Sean Felton  
**Test Package** : IND 2

**LEPRINO FOODS-FORT MORGAN**  
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 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)