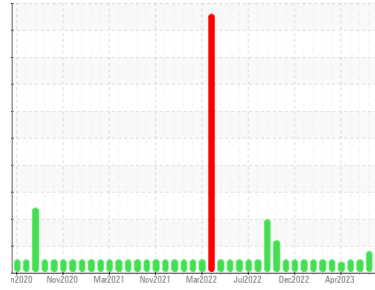




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
WP08 [1815394]
 Machine Id
WP08CL02 (S/N 1715228)
 Component
Gearbox
 Fluid
MOBIL SHC 632 (2 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Complete monthly oil change and sample. First sample following complete rebuild)

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		WC0520027	WC0807615	WC0834253
Sample Date	Client Info		12 Sep 2023	18 Aug 2023	21 Jul 2023
Machine Age	hrs	Client Info	420	8069	5395
Oil Age	hrs	Client Info	420	514	675
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	ABNORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	34	112	6
Chromium	ppm	ASTM D5185m >15	<1	<1	0
Nickel	ppm	ASTM D5185m >15	<1	3	2
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	30	5	3
Lead	ppm	ASTM D5185m >100	0	<1	0
Copper	ppm	ASTM D5185m >200	22	112	77
Tin	ppm	ASTM D5185m >25	4	17	13
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	0	0	0
Barium	ppm	ASTM D5185m	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	0	0
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1	0	<1
Calcium	ppm	ASTM D5185m	116	50	15
Phosphorus	ppm	ASTM D5185m	402	435	505
Zinc	ppm	ASTM D5185m	148	32	28
Sulfur	ppm	ASTM D5185m	31	0	17

CONTAMINANTS

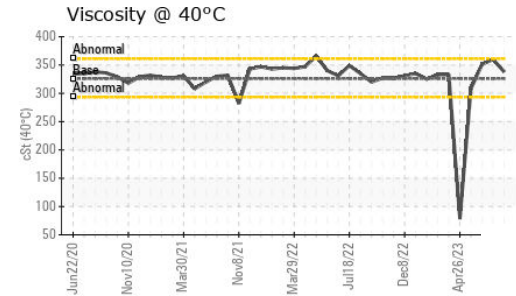
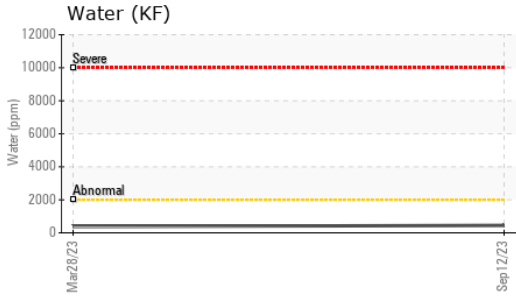
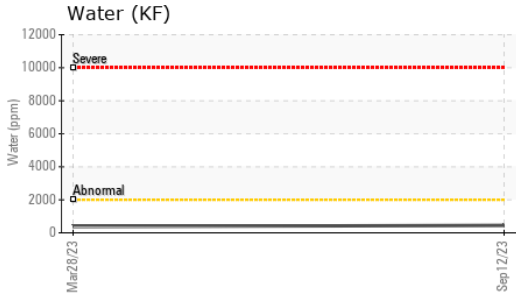
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	31	17	15
Sodium	ppm	ASTM D5185m	<1	0	0
Potassium	ppm	ASTM D5185m >20	0	0	<1
Water	%	ASTM D6304 >0.2	0.045	---	---
ppm Water	ppm	ASTM D6304 >2000	450	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.36	0.30	0.35



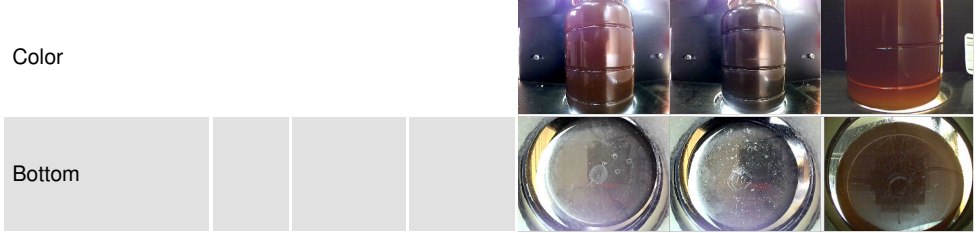
OIL ANALYSIS REPORT



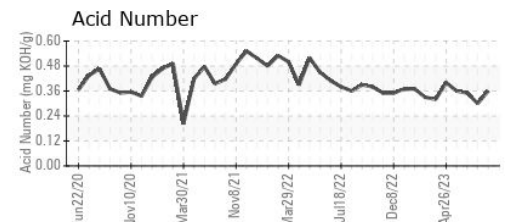
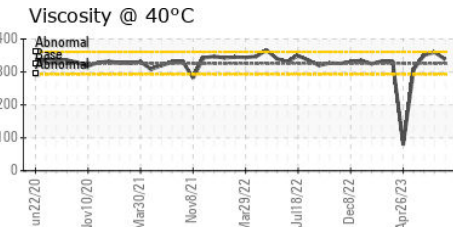
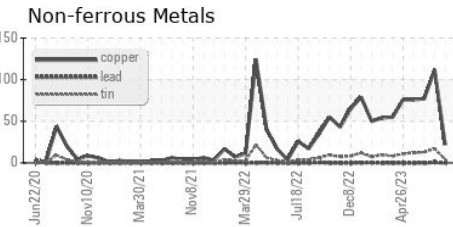
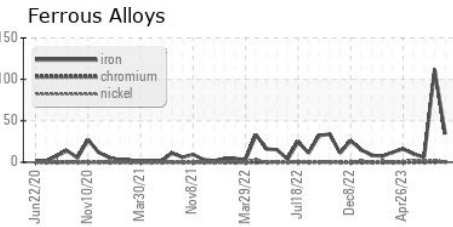
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	MODER	HEAVY
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	325.8	338	360

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0520027 **Received** : 26 Sep 2023
Lab Number : 05961355 **Diagnosed** : 27 Sep 2023
Unique Number : 10662568 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: KF)

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

Certificate L2367
 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)