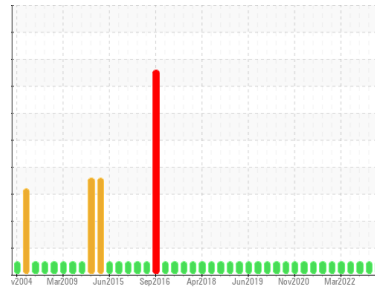




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
PD-04 [1980935]
 Machine Id
AC 2 (S/N AIF079755)
 Component
Compressor
 Fluid
ATLAS COPCO ROTO XTEND (22 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Annual oil 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		WC0928817	WC0762637	WC0732579
Sample Date	Client Info		23 May 2024	04 Mar 2023	15 Sep 2022
Machine Age	hrs	Client Info	43947	41826	41237
Oil Age	hrs	Client Info	970	3004	2415
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<1	<1	<1
Chromium	ppm	ASTM D5185m >5	<1	0	0
Nickel	ppm	ASTM D5185m	<1	0	<1
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >15	1	0	0
Lead	ppm	ASTM D5185m >65	<1	0	0
Copper	ppm	ASTM D5185m >65	<1	0	<1
Tin	ppm	ASTM D5185m >10	<1	0	0
Vanadium	ppm	ASTM D5185m	<1	0	<1
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0
Barium	ppm	ASTM D5185m	<1	0	0
Molybdenum	ppm	ASTM D5185m	<1	0	0
Manganese	ppm	ASTM D5185m	0	0	0
Magnesium	ppm	ASTM D5185m	<1	0	<1
Calcium	ppm	ASTM D5185m	3	0	<1
Phosphorus	ppm	ASTM D5185m	20	16	40
Zinc	ppm	ASTM D5185m	18	16	22
Sulfur	ppm	ASTM D5185m	0	107	57

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	<1	0	1
Sodium	ppm	ASTM D5185m	0	0	1
Potassium	ppm	ASTM D5185m >20	1	<1	<1
Water	%	ASTM D6304 >0.1	NEG	NEG	NEG

FLUID DEGRADATION

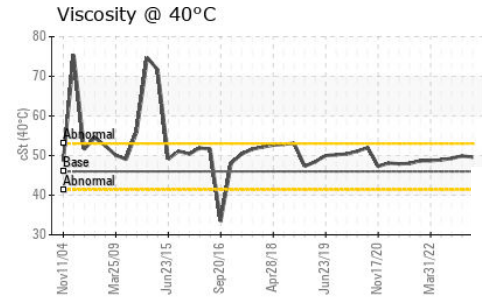
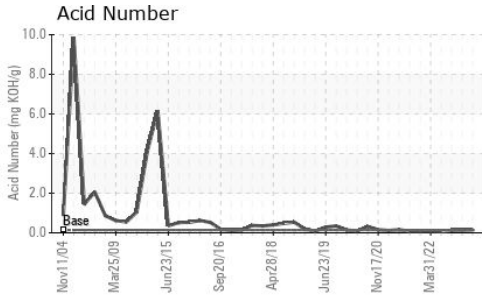
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.14	0.15	0.13	0.12

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	NONE	NONE
Debris	scalar	*Visual NONE	NONE	VLITE	NONE
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



OIL ANALYSIS REPORT



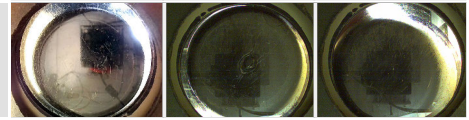
FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	46	49.6	49.9	49.3

SAMPLE IMAGES	method	limit/base	current	history1	history2
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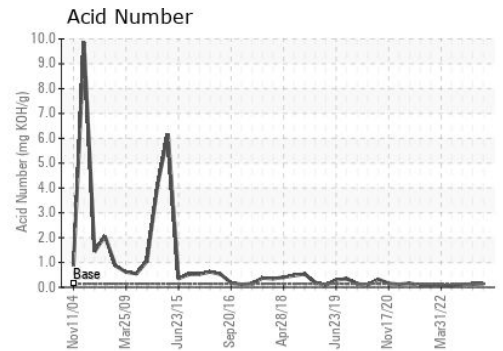
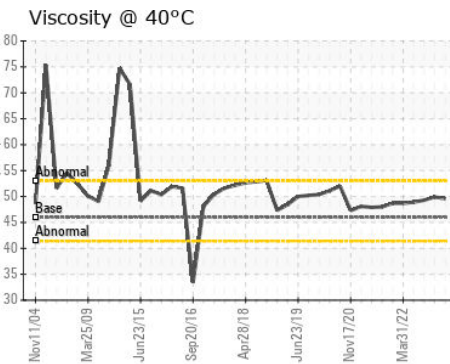
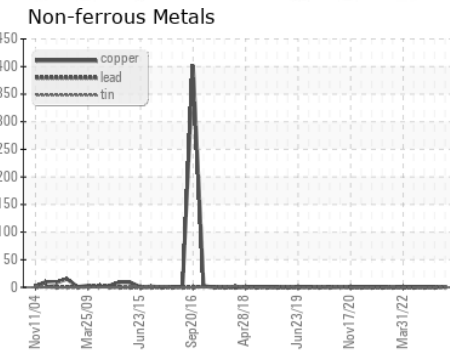
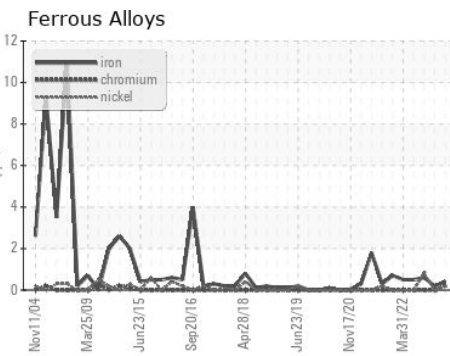
Color



Bottom



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0928817 **Received** : 03 Jun 2024
Lab Number : 06198305 **Tested** : 05 Jun 2024
Unique Number : 11060428 **Diagnosed** : 05 Jun 2024 - Jonathan Hester
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

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)