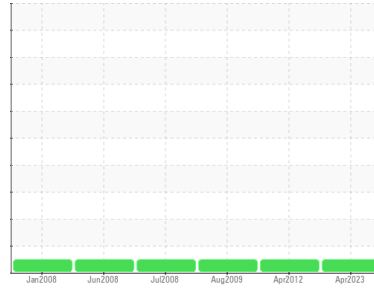




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
TURBO FAN 112

Component
Gearbox

Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

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		WC0660622	WCI2222476	WCI2097306
Sample Date	Client Info		04 Apr 2023	10 Apr 2012	13 Aug 2009
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			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<1	<1
Chromium	ppm	ASTM D5185m	>15	0	0
Nickel	ppm	ASTM D5185m	>15	0	<1
Titanium	ppm	ASTM D5185m		0	0
Silver	ppm	ASTM D5185m		0	<1
Aluminum	ppm	ASTM D5185m	>25	0	0
Lead	ppm	ASTM D5185m	>100	<1	2
Copper	ppm	ASTM D5185m	>200	<1	1
Tin	ppm	ASTM D5185m	>25	0	0
Antimony	ppm	ASTM D5185m	>5	---	0
Vanadium	ppm	ASTM D5185m		0	0
Cadmium	ppm	ASTM D5185m		0	<1

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		0	0
Calcium	ppm	ASTM D5185m		94	132
Phosphorus	ppm	ASTM D5185m		443	650
Zinc	ppm	ASTM D5185m		643	884
Sulfur	ppm	ASTM D5185m		2549	7287

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	<1
Sodium	ppm	ASTM D5185m		0	30
Potassium	ppm	ASTM D5185m	>20	<1	0

FLUID CLEANLINESS

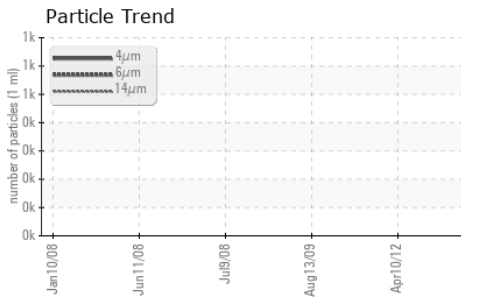
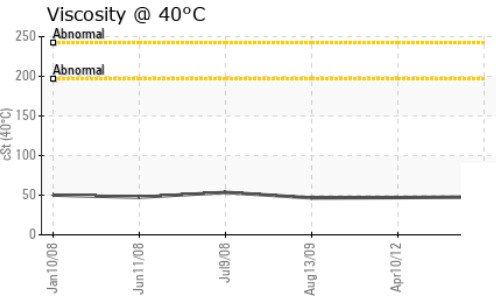
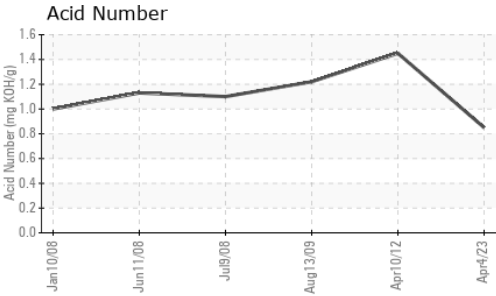
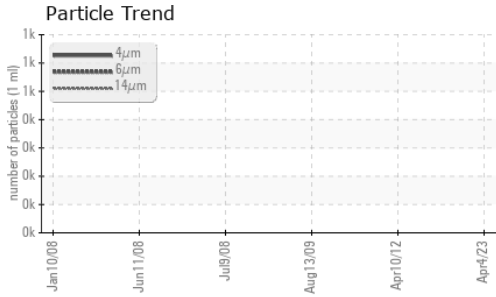
	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		646	---	---
Particles >6µm	ASTM D7647	>5000	214	---	---
Particles >14µm	ASTM D7647	>640	40	---	---
Particles >21µm	ASTM D7647	>160	11	---	---
Particles >38µm	ASTM D7647	>40	0	---	---
Particles >71µm	ASTM D7647	>10	0	---	---
Oil Cleanliness	ISO 4406 (c)	>--/19/16	17/15/12	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.85	1.45



OIL ANALYSIS REPORT



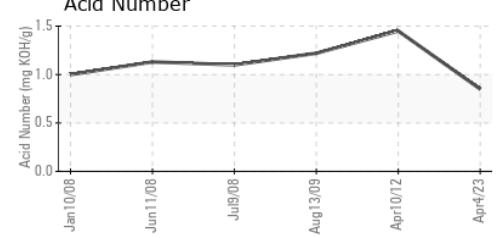
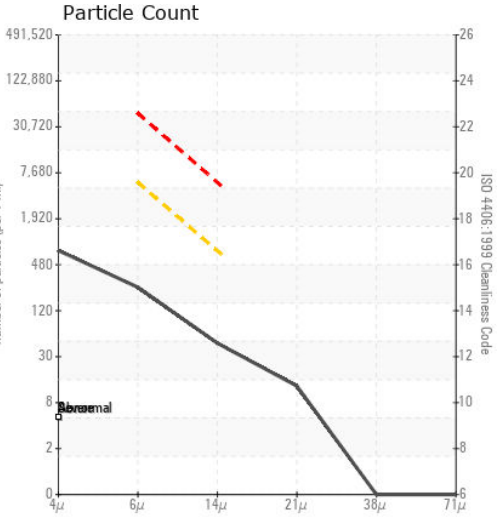
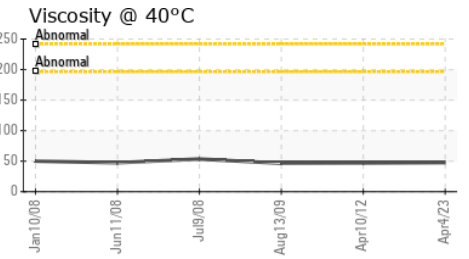
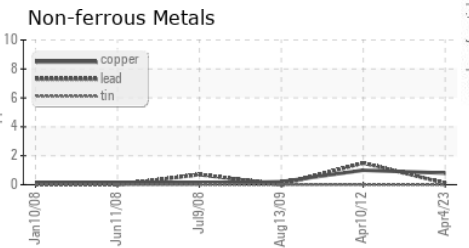
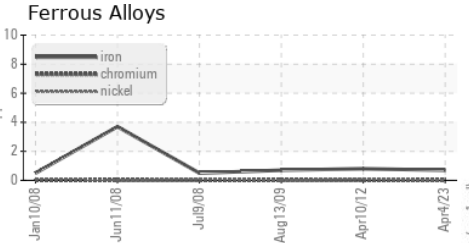
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	47.7	46.99	46.53

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0660622 **Received** : 05 Apr 2023
Lab Number : 05811577 **Diagnosed** : 06 Apr 2023
Unique Number : 10414369 **Diagnostician** : Wes Davis
Test Package : IND 2 (Additional Tests: PrtCount)

LEPRINO FOODS-ROSWELL
 5600 OMAHA RD
 ROSWELL, NM
 US 88203
 Contact: JOAQUIN NIETO
 jnieto@leprinofoods.com
 T:
 F: (505)347-5728

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)