

OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
L3 - BANJO

Component
Gearbox

Fluid
LUBRIPLATE SFGO ULTRA 220 (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition.

▲ Wear

The nickel level is abnormal. All other component wear rates are normal.

▲ Contamination

Appearance is hazy. There is a high concentration of water present in the oil.

● Fluid Condition

Viscosity of sample indicates oil is within ISO 150 range, advise investigate. Confirm oil type.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			TO10003453	---	---
Sample Date	Client Info			14 May 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				ABNORMAL	---	---

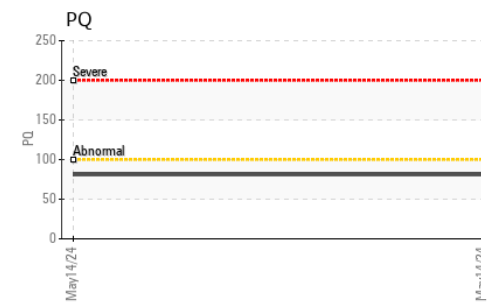
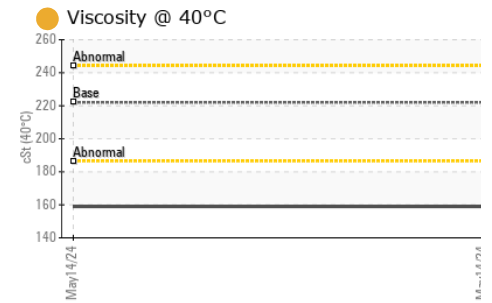
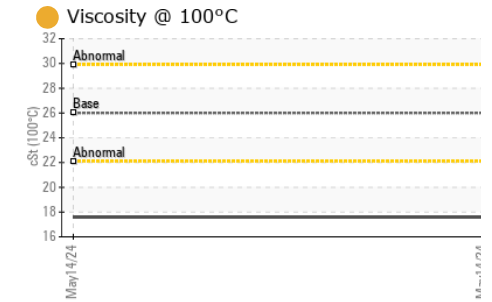
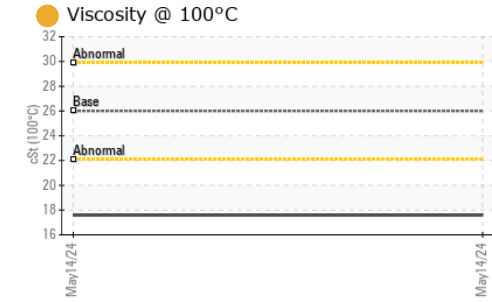
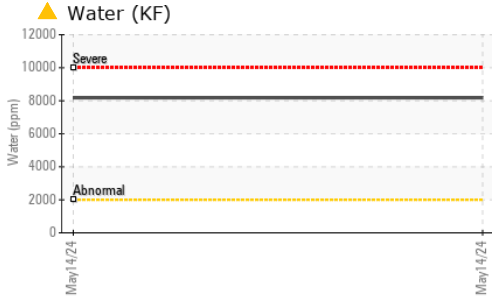
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		81	---	---
Iron	ppm	ASTM D5185m	>200	156	---	---
Chromium	ppm	ASTM D5185m	>15	2	---	---
Nickel	ppm	ASTM D5185m	>15	▲ 33	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m	>25	2	---	---
Lead	ppm	ASTM D5185m	>100	1	---	---
Copper	ppm	ASTM D5185m	>200	6	---	---
Tin	ppm	ASTM D5185m	>25	<1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
Cadmium	ppm	ASTM D5185m		<1	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		1	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		5	---	---
Phosphorus	ppm	ASTM D5185m		74	---	---
Zinc	ppm	ASTM D5185m		<1	---	---
Sulfur	ppm	ASTM D5185m		166	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	8	---	---
Sodium	ppm	ASTM D5185m		<1	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water	%	ASTM D6304	>0.2	▲ 0.818	---	---
ppm Water	ppm	ASTM D6304	>2000	▲ 8180	---	---

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

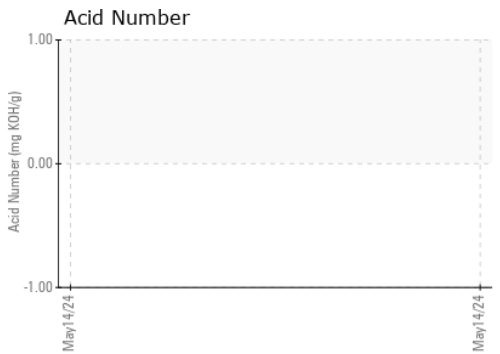
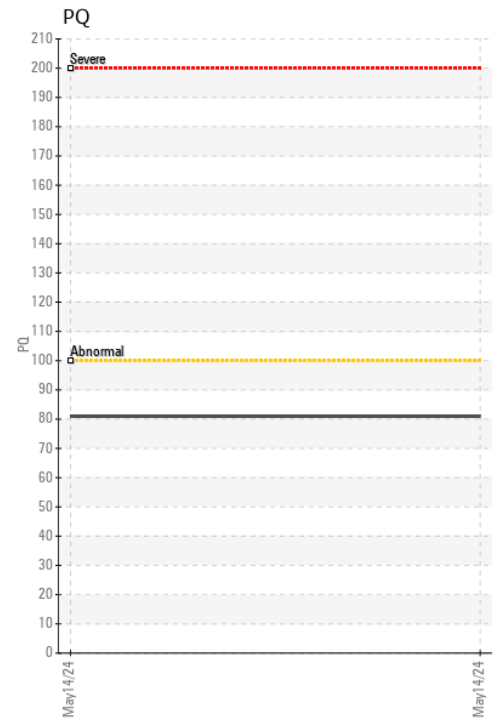
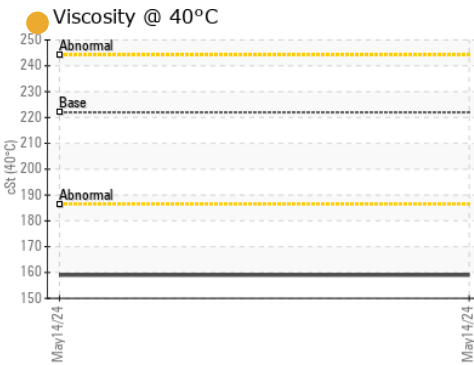
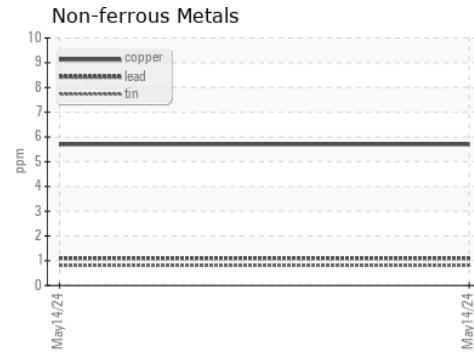
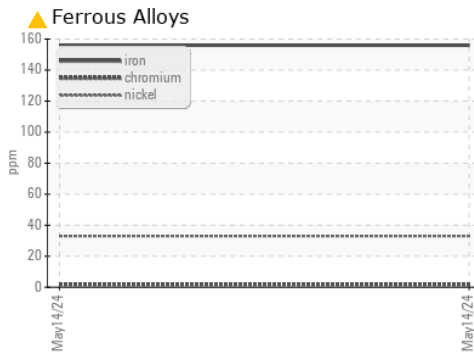
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 222	159	---	---
Visc @ 100°C	cSt	ASTM D445 26	17.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270 146	121	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO10003453 **Received** : 16 May 2024
Lab Number : 06181681 **Tested** : 21 May 2024
Unique Number : 11033007 **Diagnosed** : 21 May 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KF, KV100, PQ, VI)

REFRESCO BEVERAGES
 15200 TRINITY BLVD
 FORT WORTH, TX
 US 76155
 Contact: Service Manager

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)

T:
F: