

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
L2 - FILLER
Component
Lower Gearbox
Fluid
TULCO LUBSOIL PG 220 GEAR OIL (--- GAL)

DIAGNOSIS

Recommendation
Resample at the next service interval to monitor.

Wear
All component wear rates are normal.

Contamination
There is no indication of any contamination in the oil.

Fluid Condition
The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info		TO10003456	---	---
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			NORMAL	---	---

CONTAMINATION method limit/base current history1 history2

Water	WC Method	>2.26	NEG	---	---
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WEAR METALS method limit/base current history1 history2

PQ		ASTM D8184		17	---	---
Iron	ppm	ASTM D5185m	>200	22	---	---
Chromium	ppm	ASTM D5185m	>15	<1	---	---
Nickel	ppm	ASTM D5185m	>15	<1	---	---
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	9	---	---
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	8	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		28	---	---
Phosphorus	ppm	ASTM D5185m	800	377	---	---
Zinc	ppm	ASTM D5185m	7	21	---	---
Sulfur	ppm	ASTM D5185m	400	124	---	---

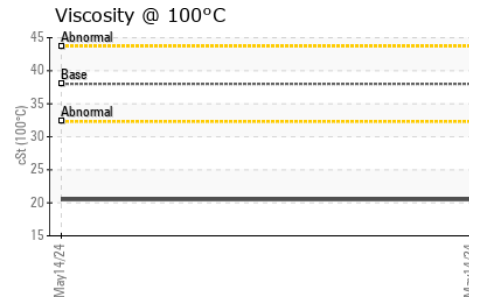
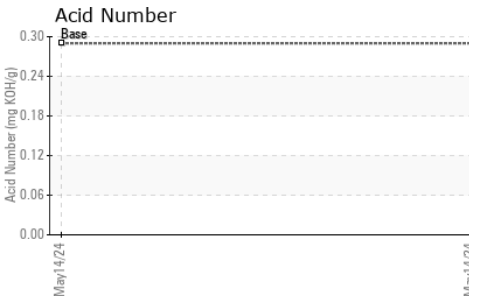
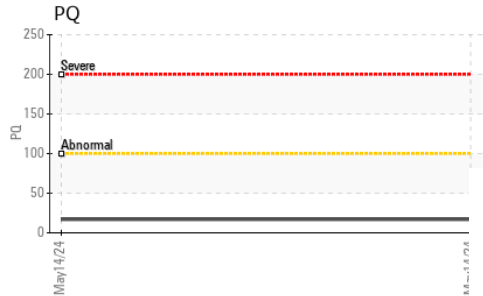
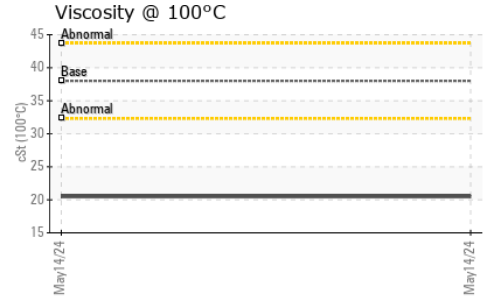
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>50	3	---	---
Sodium	ppm	ASTM D5185m		0	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---


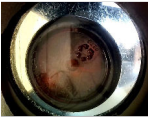
VISUAL method limit/base current history1 history2

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	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>2.26	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

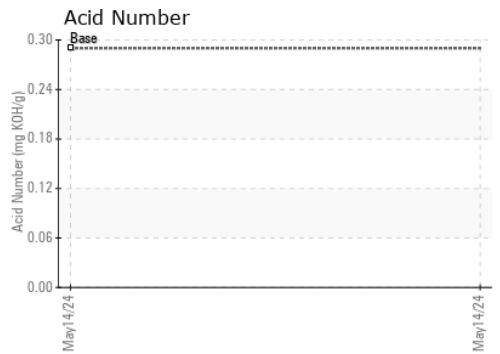
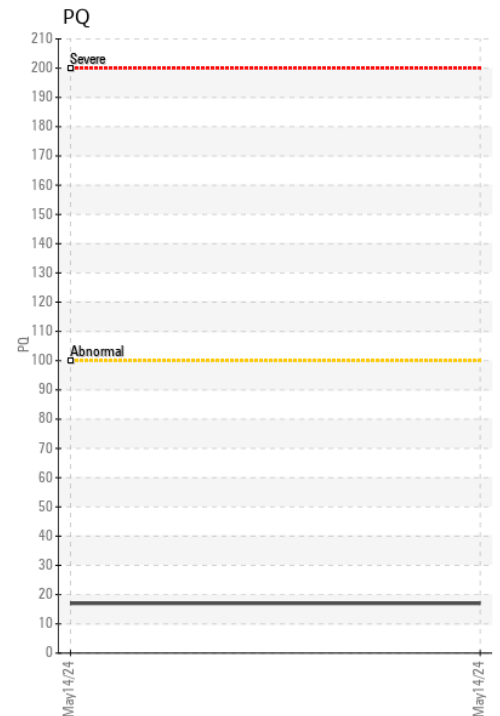
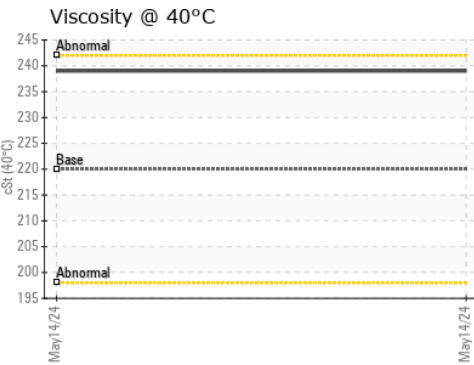
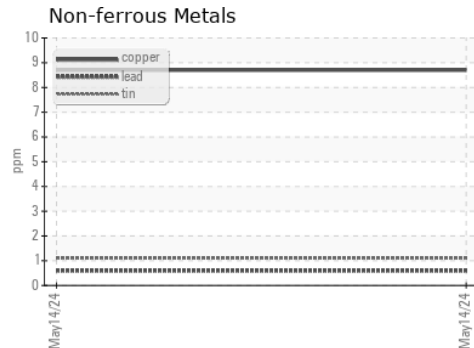
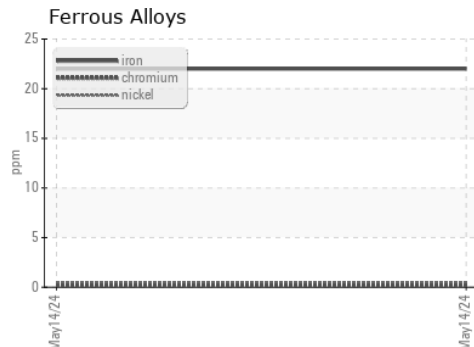
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	220	239	---	---
Visc @ 100°C	cSt	ASTM D445	38	20.5	---	---
Viscosity Index (VI)	Scale	ASTM D2270	224	99	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO10003456 **Received** : 16 May 2024
Lab Number : **06181679** **Tested** : 20 May 2024
Unique Number : 11033005 **Diagnosed** : 20 May 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: 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)

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F: