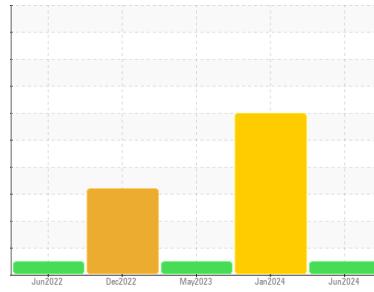


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
L-2 CAPPER

Component
Gearbox

Fluid
TULCO LUBSOIL PG 460 GEAR OIL (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			TO10003447	TO90002186	TO10001966
Sample Date	Client Info			13 Jun 2024	16 Jan 2024	11 May 2023
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	SEVERE	NORMAL

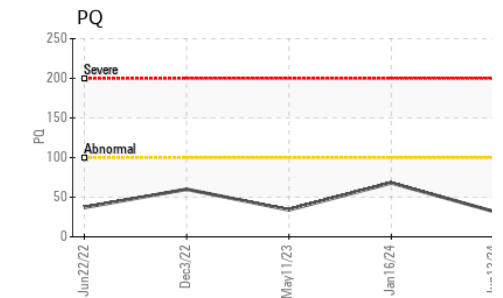
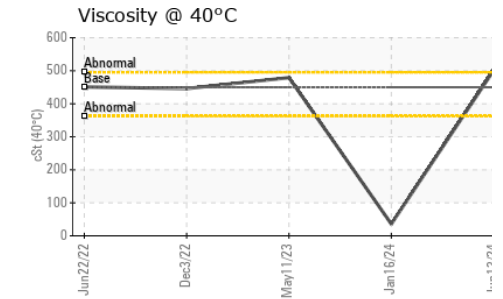
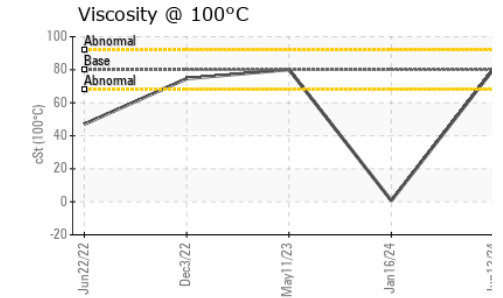
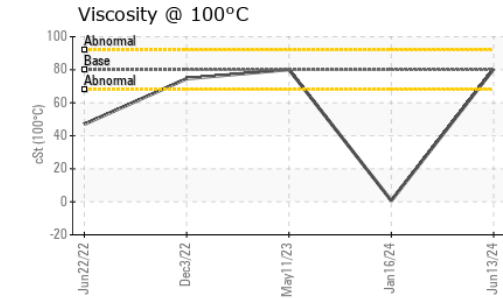
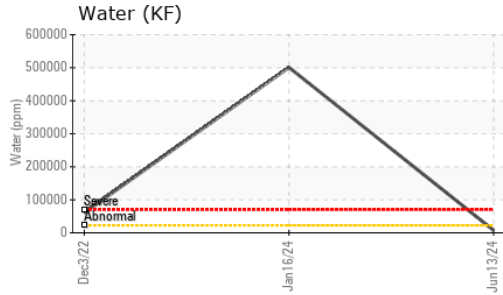
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		32	68	34
Iron	ppm	ASTM D5185m	>200	4	49	5
Chromium	ppm	ASTM D5185m	>15	0	<1	0
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	3	5	0
Lead	ppm	ASTM D5185m	>100	0	0	<1
Copper	ppm	ASTM D5185m	>200	7	<1	6
Tin	ppm	ASTM D5185m	>25	0	1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	<1

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	8	2	17	1
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		<1	<1	2
Calcium	ppm	ASTM D5185m		82	6	11
Phosphorus	ppm	ASTM D5185m	800	1106	105	995
Zinc	ppm	ASTM D5185m	7	97	0	8
Sulfur	ppm	ASTM D5185m	400	1551	35	1119

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	10	6	10
Sodium	ppm	ASTM D5185m		0	11	0
Potassium	ppm	ASTM D5185m	>20	1	<1	6
Water	%	ASTM D6304	>2.26	0.755	▲ 50.1	---
ppm Water	ppm	ASTM D6304	>22600	7550	▲ 501000	---

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	▲ VHEVY	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	● MILKY	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>2.26	0.2%	▲ 0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

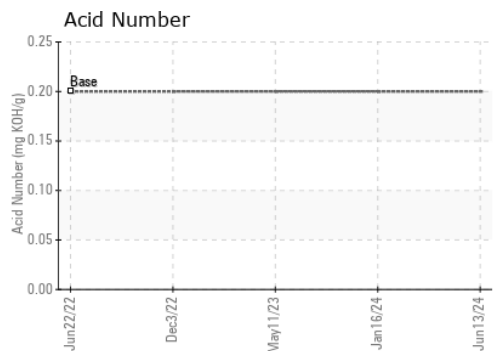
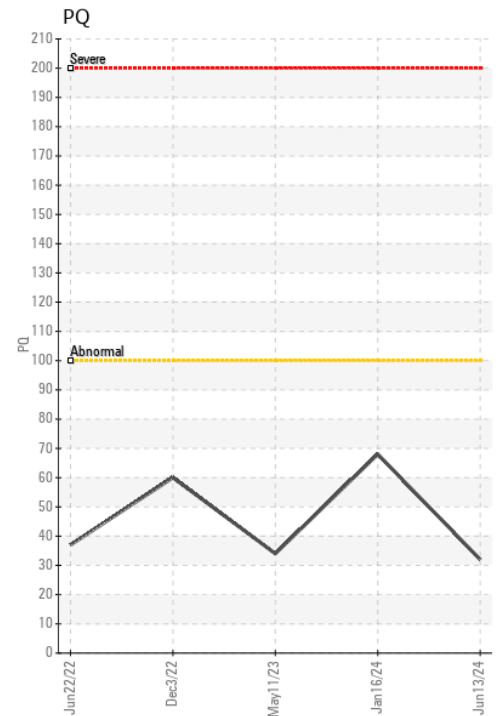
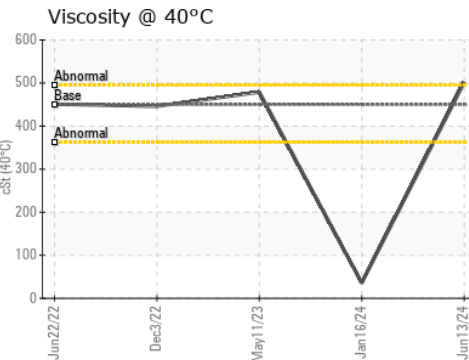
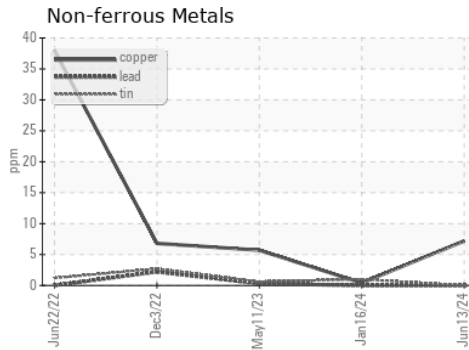
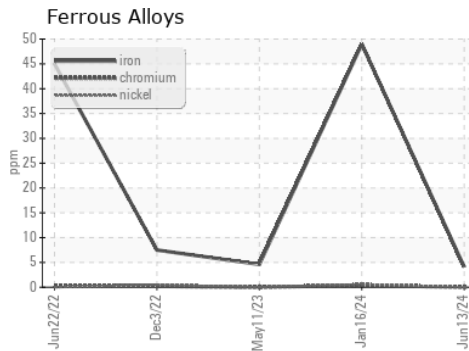
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	450	501	▲ 35.9	479
Visc @ 100°C	cSt	ASTM D445	80.0	80.4	▲ 0.7	80.1
Viscosity Index (VI)	Scale	ASTM D2270	260	245	---	251

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO10003447 **Received** : 18 Jun 2024
Lab Number : **06213647** **Tested** : 20 Jun 2024
Unique Number : 11086511 **Diagnosed** : 20 Jun 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF, KV100, PQ, VI)

PEPSI BOTTLING GROUP
 510 W SKELLY DR
 TULSA, OK
 US 74107
 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: