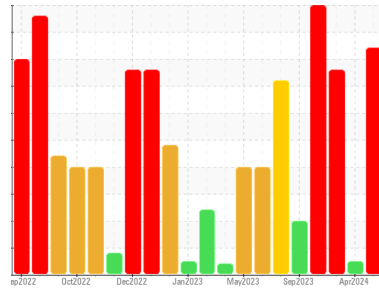


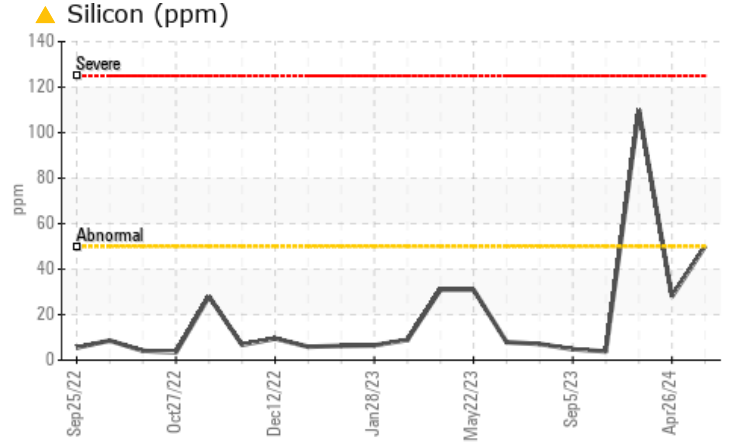
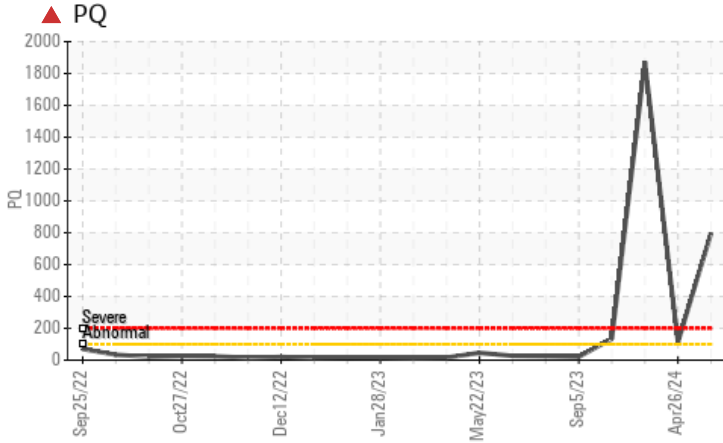
PROBLEM SUMMARY

Area
CANNING
 Machine Id
SEAM TEAR DROP
 Component
Gearbox
 Fluid
LUBRIPLATE SFGO ULTRA 220 (3 GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	NORMAL	SEVERE
PQ		ASTM D8184	▲ 797	113	▲ 1872
Silicon	ppm	ASTM D5185m >50	▲ 50	28	▲ 110
White Metal	scalar	*Visual	▲ LIGHT	NONE	▲ HEAVY
Silt	scalar	*Visual	▲ HEAVY	NONE	▲ HEAVY

Customer Id: PEPTUL
 Sample No.: TO10003183
 Lab Number: 06197043
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

NORMAL



26 Apr 2024 Diag: Jonathan Hester

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



WEAR



09 Apr 2024 Diag: Jonathan Hester

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. High concentration of visible metal present. The very high ferrous density (PQ) index indicates that severe wear is occurring. There is a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

view report



WEAR



16 Jan 2024 Diag: Doug Bogart

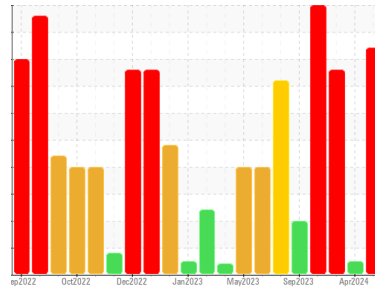
We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is unacceptable. There is a high concentration of water present in the oil. There is a high amount of visible silt present in the sample. The oil is no longer serviceable due to the presence of contaminants.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



Area
CANNING
 Machine Id
SEAM TEAR DROP
 Component
Gearbox
 Fluid
LUBRIPLATE SFGO ULTRA 220 (3 GAL)

DIAGNOSIS

- Recommendation**
We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.
- Wear**
Visible metal present. The very high ferrous density (PQ) index indicates that severe wear is occurring.
- Contamination**
There is a high amount of visible silt present in the sample.
- 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			TO10003183	TO10003182	TO10003305
Sample Date	Client Info			28 May 2024	26 Apr 2024	09 Apr 2024
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		1	0	0
Oil Changed	Client Info			Changed	N/A	N/A
Sample Status				SEVERE	NORMAL	SEVERE

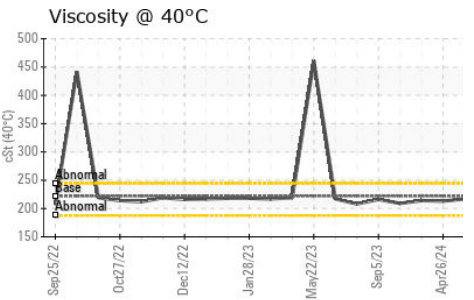
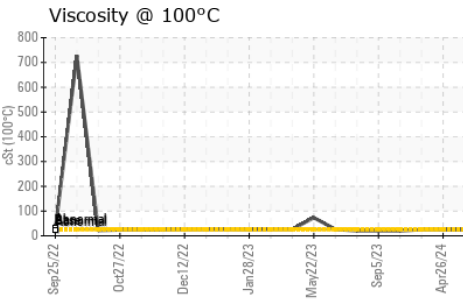
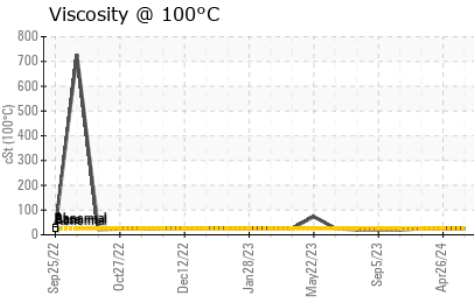
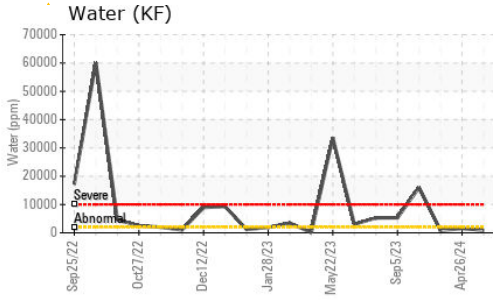
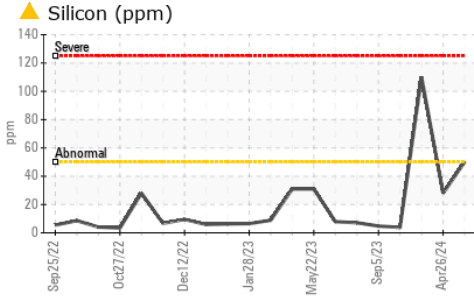
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		▲ 797	113	▲ 1872
Iron	ppm	ASTM D5185m	>200	41	39	2
Chromium	ppm	ASTM D5185m	>15	<1	1	0
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	1	0
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	<1	<1	0
Tin	ppm	ASTM D5185m	>25	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	6	0
Barium	ppm	ASTM D5185m		0	1	0
Molybdenum	ppm	ASTM D5185m		2	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		2	6	0
Phosphorus	ppm	ASTM D5185m		90	99	102
Zinc	ppm	ASTM D5185m		0	3	0
Sulfur	ppm	ASTM D5185m		140	1507	25

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	▲ 50	28	▲ 110
Sodium	ppm	ASTM D5185m		<1	1	0
Potassium	ppm	ASTM D5185m	>20	0	2	<1
Water	%	ASTM D6304	>0.2	0.091	0.155	0.085
ppm Water	ppm	ASTM D6304	>2000	910	1550	850

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

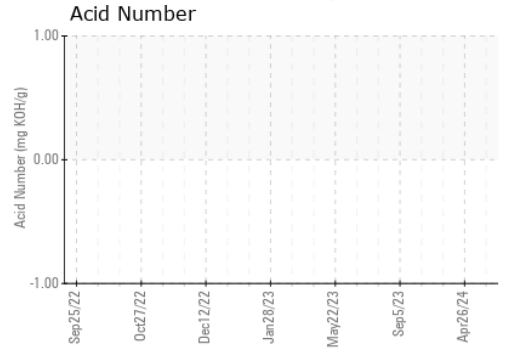
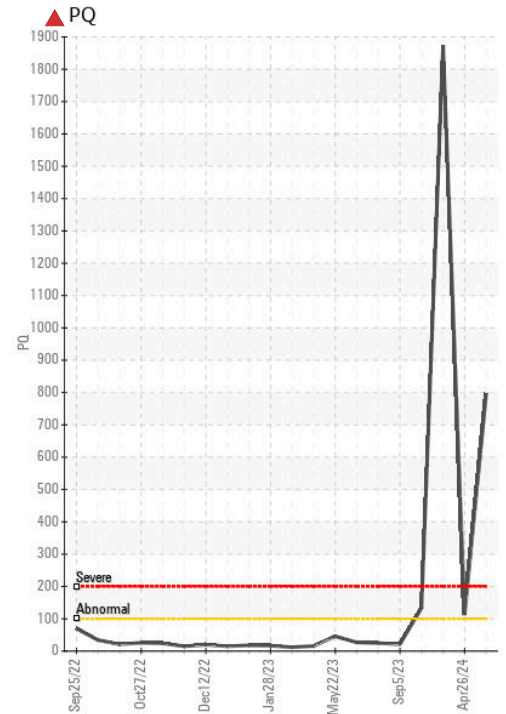
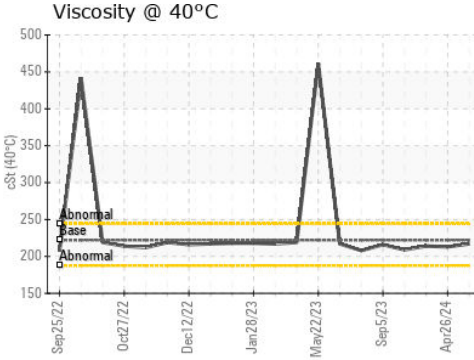
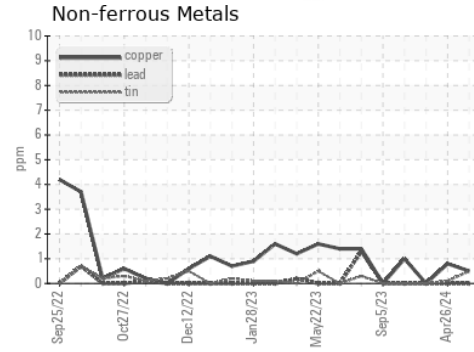
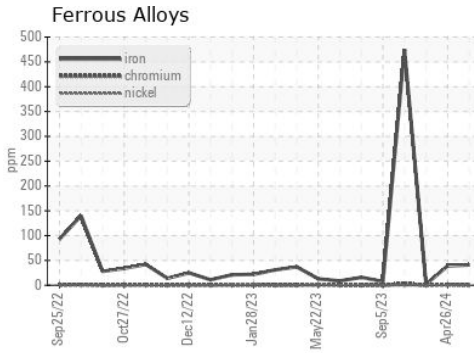
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	222	217	213	214
Visc @ 100°C	cSt	ASTM D445	26	24.05	24.1	25.2
Viscosity Index (VI)	Scale	ASTM D2270	146	138	140	148

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. : TO10003183 **Received** : 31 May 2024
Lab Number : **06197043** **Tested** : 05 Jun 2024
Unique Number : 11059166 **Diagnosed** : 05 Jun 2024 - Doug Bogart
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)