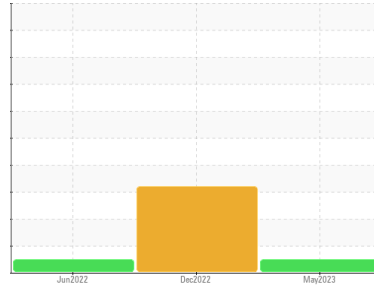


# OIL ANALYSIS REPORT

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**

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			<b>TO10001966</b>	TO10001308	TO20000040
Sample Date	Client Info			<b>11 May 2023</b>	03 Dec 2022	22 Jun 2022
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	SEVERE	NORMAL

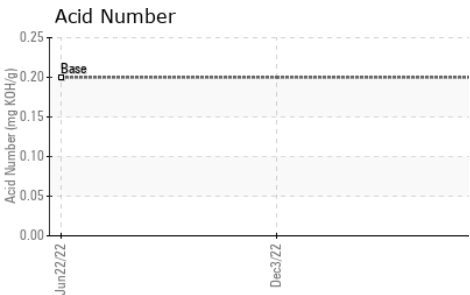
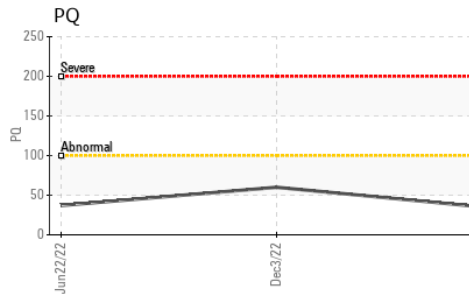
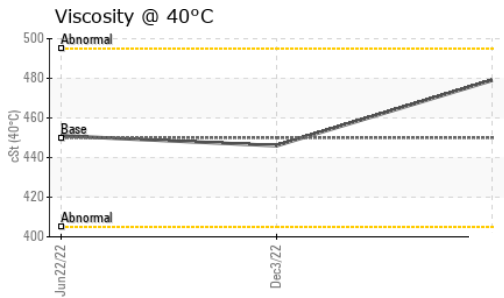
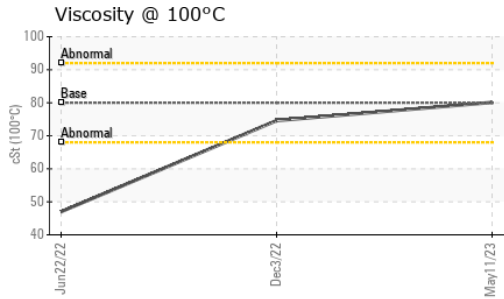
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		<b>34</b>	60	37
Iron	ppm	ASTM D5185m	>200	<b>5</b>	8	45
Chromium	ppm	ASTM D5185m	>15	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>15	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	2	21
Lead	ppm	ASTM D5185m	>100	<b>&lt;1</b>	2	0
Copper	ppm	ASTM D5185m	>200	<b>6</b>	7	38
Tin	ppm	ASTM D5185m	>25	<b>&lt;1</b>	3	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	8	<b>1</b>	26	4
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>2</b>	6	2
Calcium	ppm	ASTM D5185m		<b>11</b>	21	169
Phosphorus	ppm	ASTM D5185m	800	<b>995</b>	789	195
Zinc	ppm	ASTM D5185m	7	<b>8</b>	36	129
Sulfur	ppm	ASTM D5185m	400	<b>1119</b>	990	281

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<b>10</b>	8	14
Sodium	ppm	ASTM D5185m		<b>0</b>	0	<1
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	6	0

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>2.26	<b>NEG</b>	0.2%	NEG
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG

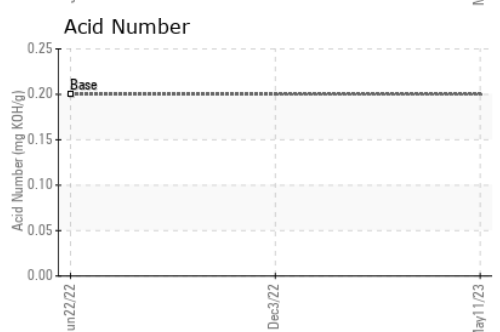
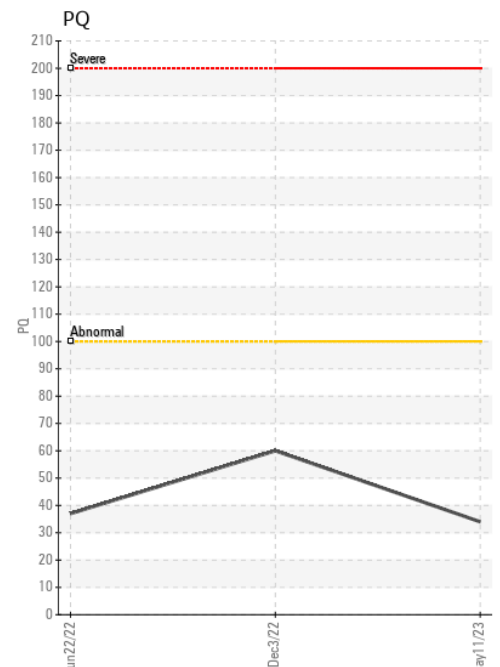
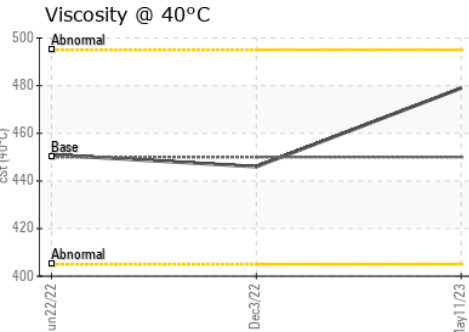
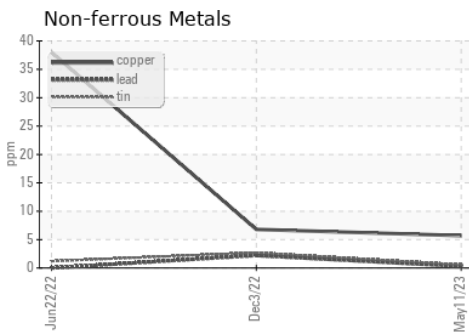
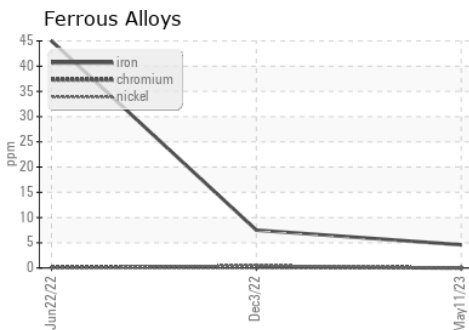
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	450	<b>479</b>	446	451
Visc @ 100°C	cSt	ASTM D445	80.0	<b>80.1</b>	74.6	47.0
Viscosity Index (VI)	Scale	ASTM D2270	260	<b>251</b>	248	162

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TO10001966 **Received** : 22 May 2023  
**Lab Number** : **05853537** **Diagnosed** : 24 May 2023  
**Unique Number** : 10482892 **Diagnostician** : Jonathan Hester  
**Test Package** : IND 2 ( Additional Tests: 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: