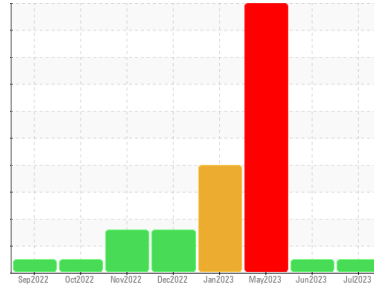


# OIL ANALYSIS REPORT

Sample Rating Trend



Area  
**CANNING PLANT**  
Machine Id  
**MAIN FILLER DRIVE**

Component  
**Gearbox**  
Fluid  
**TULCO LUBSOIL PG 460 GEAR OIL (3 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>TO10002002</b>	TO10001894	TO10001900
Sample Date	Client Info	<b>17 Jul 2023</b>	01 Jun 2023	22 May 2023
Machine Age	wks Client Info	<b>0</b>	0	0
Oil Age	wks Client Info	<b>0</b>	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	NORMAL	SEVERE

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	<b>30</b>	37	372
Iron	ppm ASTM D5185m >200	<b>6</b>	4	718
Chromium	ppm ASTM D5185m >15	<b>&lt;1</b>	0	6
Nickel	ppm ASTM D5185m >15	<b>&lt;1</b>	0	22
Titanium	ppm ASTM D5185m	<b>0</b>	<1	<1
Silver	ppm ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm ASTM D5185m >25	<b>2</b>	<1	21
Lead	ppm ASTM D5185m >100	<b>1</b>	0	1
Copper	ppm ASTM D5185m >200	<b>4</b>	4	235
Tin	ppm ASTM D5185m >25	<b>1</b>	<1	30
Vanadium	ppm ASTM D5185m	<b>0</b>	0	<1
Cadmium	ppm ASTM D5185m	<b>0</b>	0	<1

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 8	<b>5</b>	0	2
Barium	ppm ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m	<b>&lt;1</b>	0	2
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	0	6
Magnesium	ppm ASTM D5185m	<b>0</b>	2	3
Calcium	ppm ASTM D5185m	<b>16</b>	209	24
Phosphorus	ppm ASTM D5185m 800	<b>1160</b>	950	1059
Zinc	ppm ASTM D5185m 7	<b>0</b>	50	10
Sulfur	ppm ASTM D5185m 400	<b>1315</b>	1203	1295

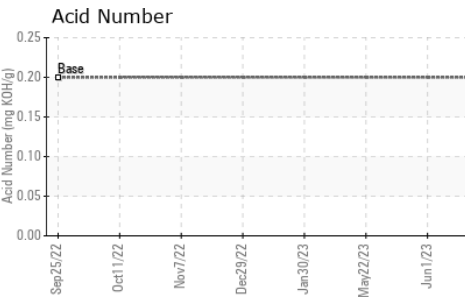
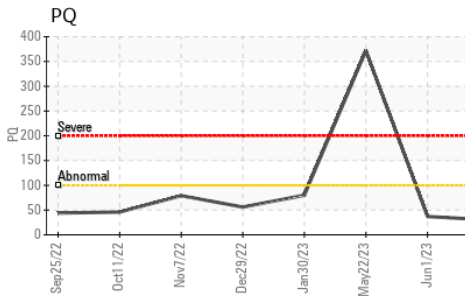
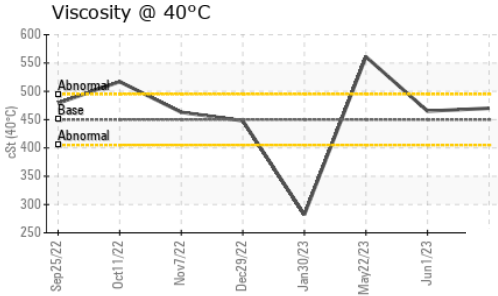
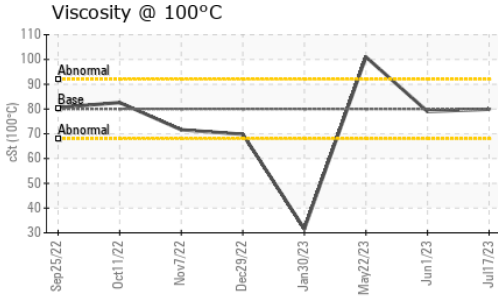
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	<b>14</b>	8	33
Sodium	ppm ASTM D5185m	<b>0</b>	<1	9
Potassium	ppm ASTM D5185m >20	<b>5</b>	0	4

## 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	MODER
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>	NEG	NEG
Free Water	scalar *Visual	<b>NEG</b>	NEG	NEG

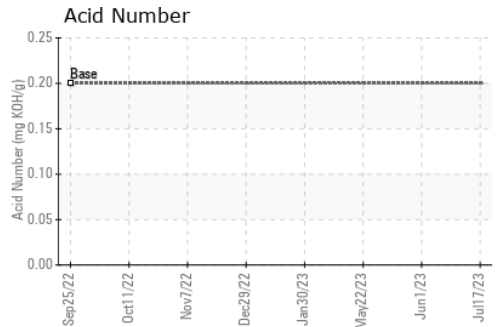
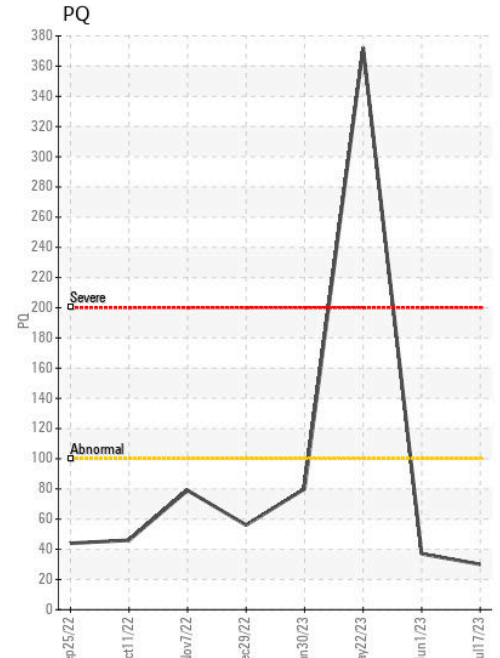
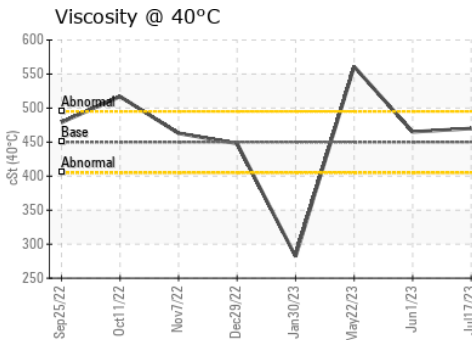
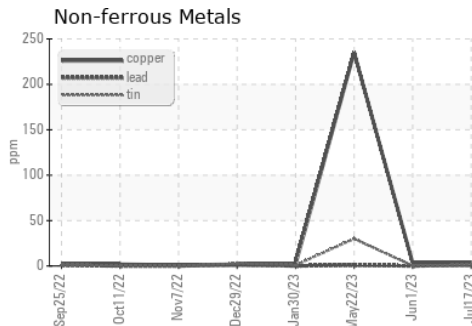
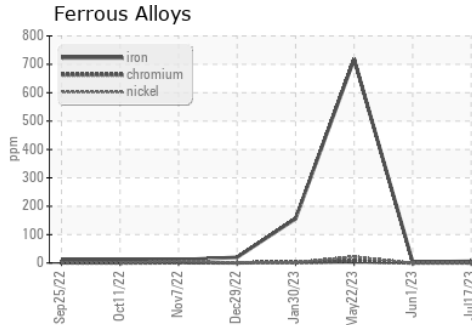
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	450	<b>470</b>	465	▲ 561
Visc @ 100°C	cSt	ASTM D445	80.0	<b>79.9</b>	79.0	▲ 101
Viscosity Index (VI)	Scale	ASTM D2270	260	<b>253</b>	252	273

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.** : TO10002002 **Received** : 19 Jul 2023  
**Lab Number** : **05902620** **Diagnosed** : 21 Jul 2023  
**Unique Number** : 10563976 **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: