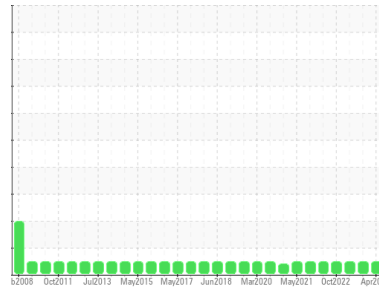




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

## BARRIER DEPARTMENT SAMPLES

Machine Id

## WEB 03 CC COATING WEB 03 CC

Component

**Gearbox**

Fluid

**TEXACO MEROPA 220 (--- GAL)**

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

#### Wear

All component wear rates are normal.

#### Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

#### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0757218</b>	WC0869519	WC0757200
Sample Date	Client Info		<b>14 Apr 2024</b>	20 Nov 2023	04 Apr 2023
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>	NORMAL	NORMAL

### CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>15</b>	19	20
Chromium	ppm	ASTM D5185m >15	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m >15	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m	<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	2	0
Lead	ppm	ASTM D5185m >100	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m >200	<b>2</b>	2	2
Tin	ppm	ASTM D5185m >25	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	<1	0

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 3.2	<b>&lt;1</b>	2	2
Barium	ppm	ASTM D5185m 0.5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m 1.1	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m	<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m 0.1	<b>4</b>	5	3
Calcium	ppm	ASTM D5185m 1.6	<b>6</b>	6	4
Phosphorus	ppm	ASTM D5185m 159	<b>188</b>	291	295
Zinc	ppm	ASTM D5185m 0.5	<b>6</b>	7	15
Sulfur	ppm	ASTM D5185m 10342	<b>4613</b>	6139	6061

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>&lt;1</b>	3	4
Sodium	ppm	ASTM D5185m	<b>3</b>	4	2
Potassium	ppm	ASTM D5185m >20	<b>1</b>	1	<1

### FLUID CLEANLINESS

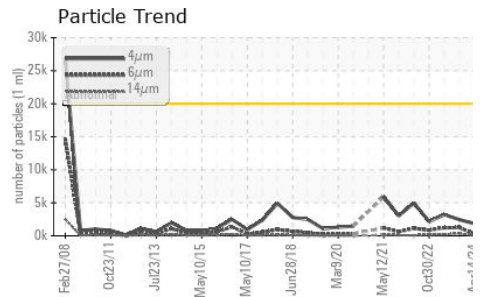
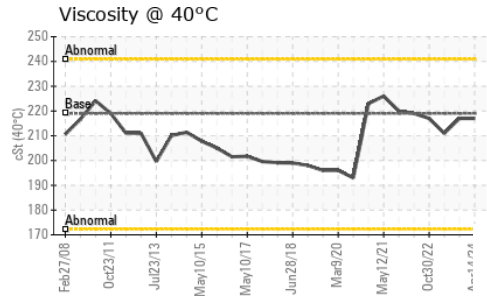
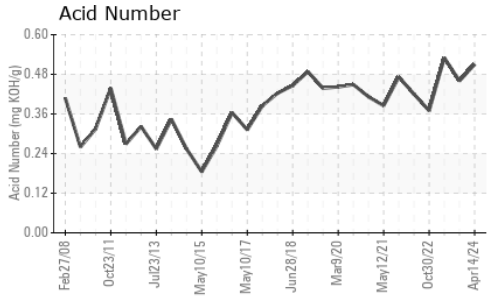
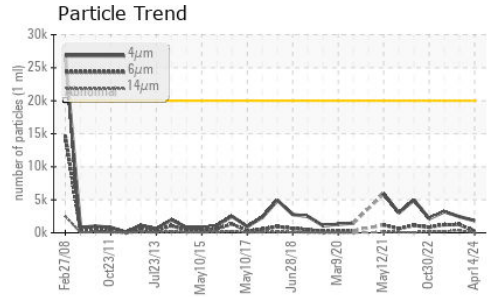
	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>20000	<b>1835</b>	2445	3208
Particles >6µm	ASTM D7647	>5000	<b>260</b>	1241	1218
Particles >14µm	ASTM D7647	>640	<b>30</b>	326	222
Particles >21µm	ASTM D7647	>160	<b>8</b>	88	35
Particles >38µm	ASTM D7647	>40	<b>1</b>	3	3
Particles >71µm	ASTM D7647	>10	<b>0</b>	0	1
Oil Cleanliness	ISO 4406 (c)	>21/19/16	<b>18/15/12</b>	18/17/16	19/17/15

### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.51</b>	0.46	0.53



# OIL ANALYSIS REPORT

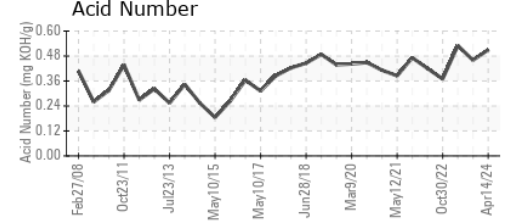
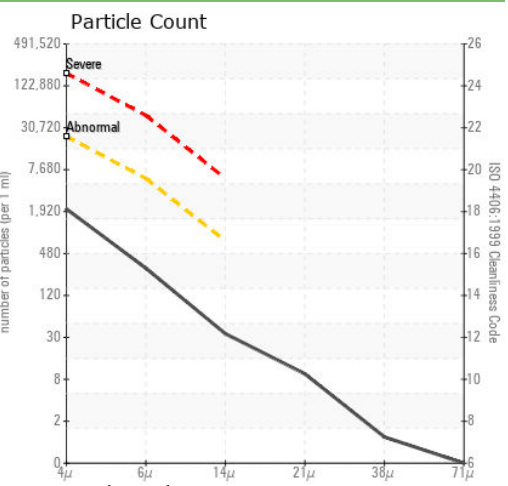
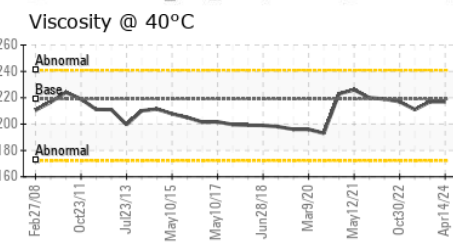
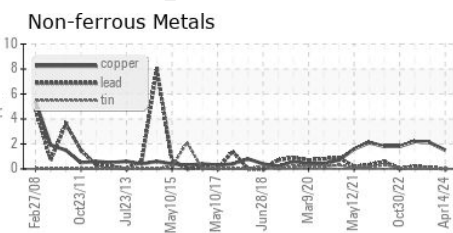
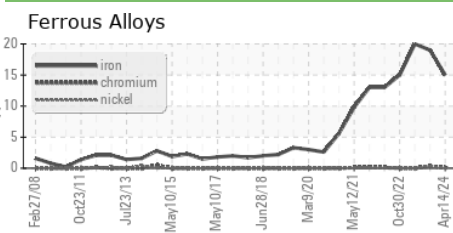


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 219	217	217	211

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0757218      **Received** : 15 Apr 2024  
**Lab Number** : 06148660      **Tested** : 16 Apr 2024  
**Unique Number** : 10978738      **Diagnosed** : 16 Apr 2024 - Wes Davis  
**Test Package** : IND 2 ( Additional Tests: PrtCount )

**SEALED AIR CORP - CRYOVAC DIVISION**  
 1301 WEST MAGNOLIA AVE  
 IOWA PARK, TX  
 US 76367

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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