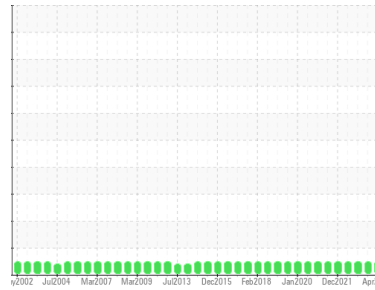




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

## BARRIER DEPARTMENT SAMPLES

Machine Id

## DAVIS STANDARD WEB 08 CG (S/N 9534)

Component

**Gearbox**

Fluid

**TEXACO MEROPA 220 (2 GAL)**

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### 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>WC0913498</b>	WC0806372	WC0806411
Sample Date	Client Info	<b>14 Apr 2024</b>	08 Oct 2023	16 May 2023
Machine Age	hrs	Client Info	<b>0</b>	0
Oil Age	hrs	Client Info	<b>0</b>	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>7</b>	10	8
Chromium	ppm	ASTM D5185m >15	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m >15	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	0	1
Lead	ppm	ASTM D5185m >100	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m >200	<b>8</b>	9	8
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>	0	0

### ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 3.2	<b>0</b>	0	0
Barium	ppm	ASTM D5185m 0.5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m 1.1	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m 0.1	<b>1</b>	0	0
Calcium	ppm	ASTM D5185m 1.6	<b>2</b>	2	4
Phosphorus	ppm	ASTM D5185m 159	<b>208</b>	236	233
Zinc	ppm	ASTM D5185m 0.5	<b>2</b>	0	15
Sulfur	ppm	ASTM D5185m 10342	<b>3477</b>	3697	3834

### CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >50	<b>2</b>	2	2
Sodium	ppm	ASTM D5185m	<b>2</b>	2	2
Potassium	ppm	ASTM D5185m >20	<b>1</b>	0	0

### FLUID CLEANLINESS

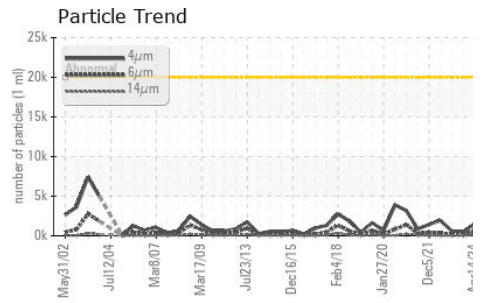
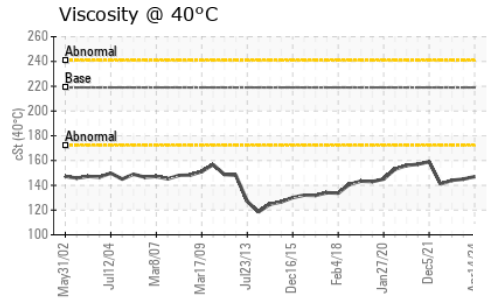
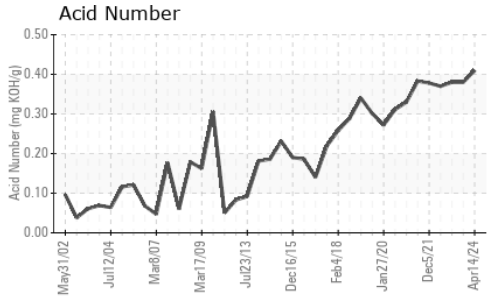
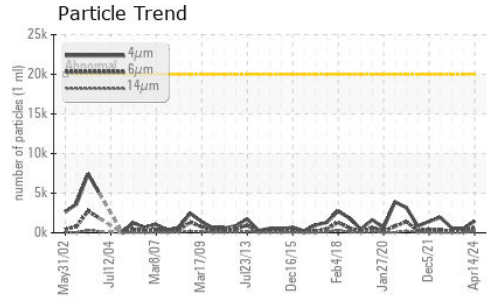
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >20000	<b>1488</b>	527	586
Particles >6µm	ASTM D7647 >5000	<b>661</b>	209	185
Particles >14µm	ASTM D7647 >640	<b>108</b>	31	21
Particles >21µm	ASTM D7647 >160	<b>20</b>	7	5
Particles >38µm	ASTM D7647 >40	<b>1</b>	1	0
Particles >71µm	ASTM D7647 >10	<b>0</b>	0	0
Oil Cleanliness	ISO 4406 (c) >21/19/16	<b>18/17/14</b>	16/15/12	16/15/12

### FLUID DEGRADATION

method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.41</b>	0.38	0.38



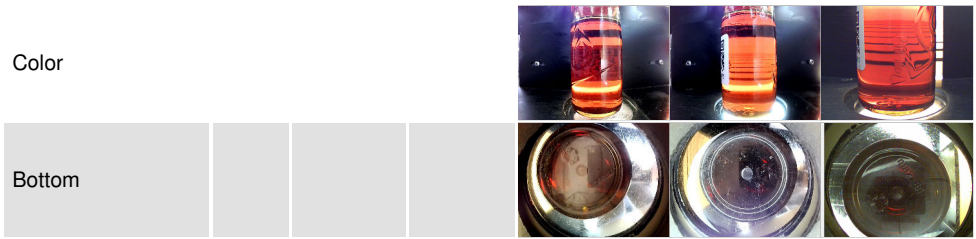
# OIL ANALYSIS REPORT



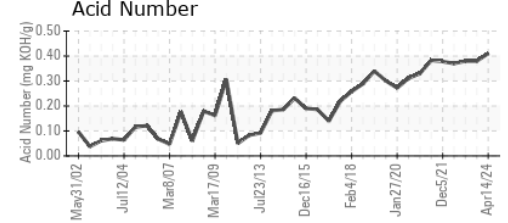
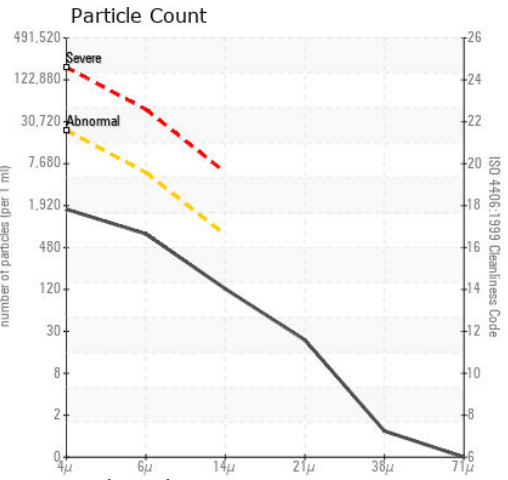
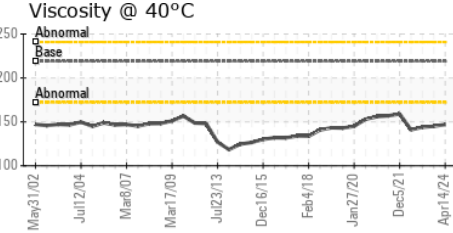
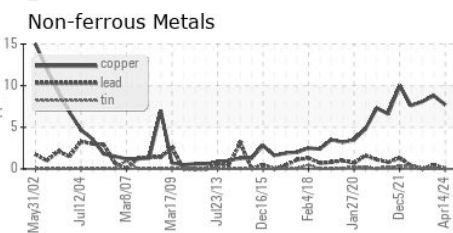
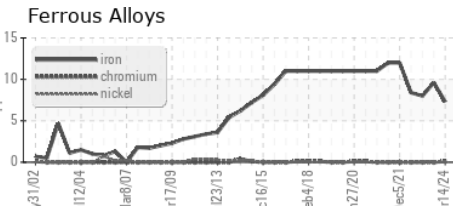
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	147	145	144

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0913498 **Received** : 15 Apr 2024  
**Lab Number** : 06148695 **Tested** : 16 Apr 2024  
**Unique Number** : 10978773 **Diagnosed** : 17 Apr 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: PrtCount )

**SEALED AIR CORP - CRYOVAC DIVISION**  
 1301 WEST MAGNOLIA AVE  
 IOWA PARK, TX 76367  
 Contact: KEVIN KETCHERSID  
 kevin.a.ketchersid@sealedair.com

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)