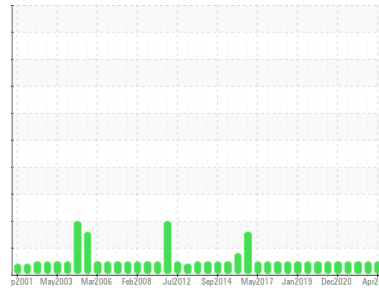




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**BARRIER DEPARTMENT SAMPLES**  
 Machine Id  
**REIFENHAUSER WEB 15 E**  
 Component  
**Gearbox**  
 Fluid  
**TEXACO MEROPA 220 (10 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>WC0913464</b>	WC0869514	WC0682507
Sample Date	Client Info		<b>18 Apr 2024</b>	20 Nov 2023	30 Oct 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>	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>9</b>	6	7
Chromium	ppm	ASTM D5185m	>15	<b>0</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>0</b>	2	0
Lead	ppm	ASTM D5185m	>100	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>200	<b>3</b>	2	2
Tin	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	<1
Antimony	ppm	ASTM D5185m	>5	<b>---</b>	---	---
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>6</b>	3	6
Barium	ppm	ASTM D5185m	0.5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	1.1	<b>&lt;1</b>	2	2
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	0.1	<b>2</b>	2	1
Calcium	ppm	ASTM D5185m	1.6	<b>27</b>	17	26
Phosphorus	ppm	ASTM D5185m	159	<b>202</b>	131	186
Zinc	ppm	ASTM D5185m	0.5	<b>0</b>	0	3
Sulfur	ppm	ASTM D5185m	10342	<b>8530</b>	4780	7892

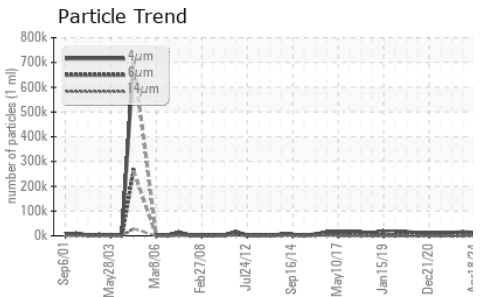
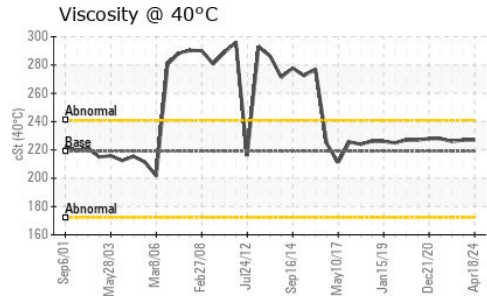
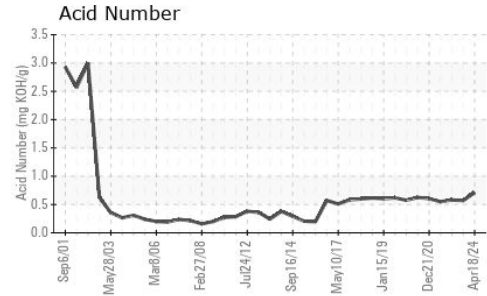
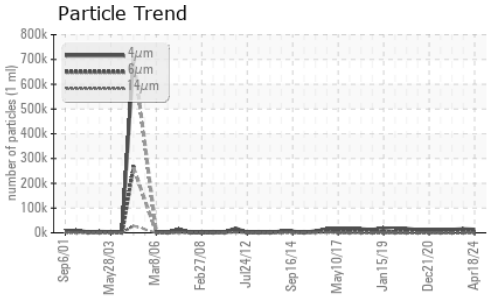
## CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>50	<b>2</b>	2	2
Sodium	ppm	ASTM D5185m		<b>3</b>	<1	<1
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	0

## FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		<b>13808</b>	15733	13477
Particles >6µm	ASTM D7647	>5000	<b>1117</b>	1514	1385
Particles >14µm	ASTM D7647	>640	<b>65</b>	27	32
Particles >21µm	ASTM D7647	>160	<b>13</b>	3	5
Particles >38µm	ASTM D7647	>40	<b>1</b>	0	2
Particles >71µm	ASTM D7647	>10	<b>0</b>	0	1
Oil Cleanliness	ISO 4406 (c)	>--/19/16	<b>21/17/13</b>	21/18/12	21/18/12

# OIL ANALYSIS REPORT

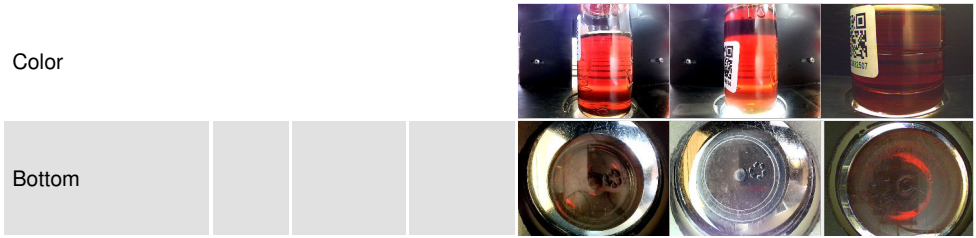


FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.71</b>	0.57	0.58

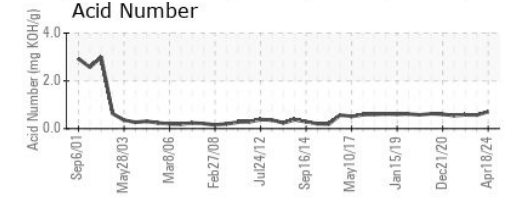
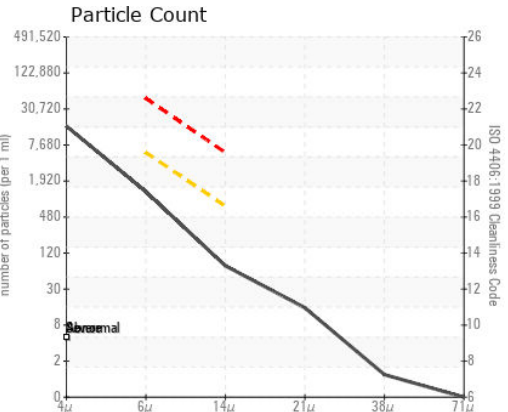
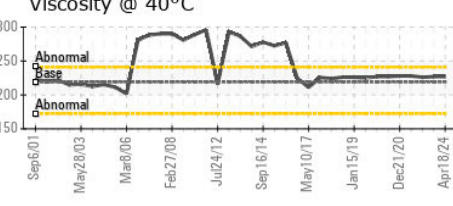
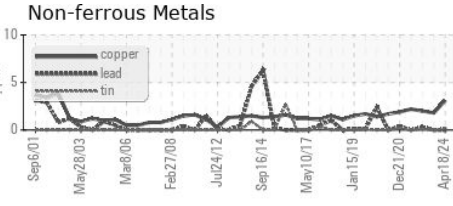
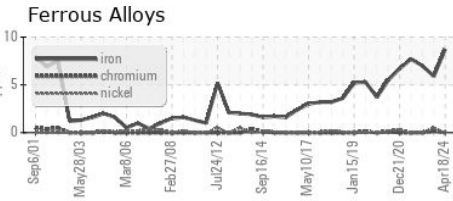
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	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	>0.2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	219	<b>227</b>	227	226

### SAMPLE IMAGES



### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0913464 **Received** : 19 Apr 2024  
**Lab Number** : 06154329 **Tested** : 22 Apr 2024  
**Unique Number** : 10989752 **Diagnosed** : 22 Apr 2024 - Wes Davis  
**Test Package** : IND 2 ( Additional Tests: PrtCount )

**SEALED AIR CORP - CRYOVAC DIVISION**  
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 IOWA PARK, TX  
 US 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)