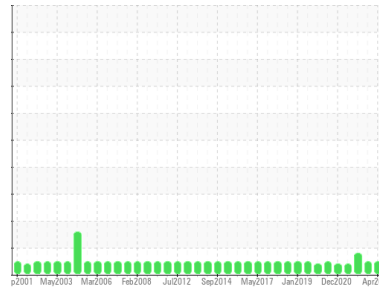




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**BARRIER DEPARTMENT SAMPLES**  
 Machine Id  
**REIFENHAUSER WEB 15 H**  
 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>WC0913467</b>	WC0821049	WC0692851
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	ATTENTION

## 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>&lt;1</b>	1	5
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	<1
Aluminum	ppm ASTM D5185m >25	<b>0</b>	2	<1
Lead	ppm ASTM D5185m >100	<b>&lt;1</b>	0	0
Copper	ppm ASTM D5185m >200	<b>1</b>	<1	1
Tin	ppm ASTM D5185m >25	<b>&lt;1</b>	0	0
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>0</b>	<1	10
Barium	ppm ASTM D5185m 0.5	<b>4</b>	0	0
Molybdenum	ppm ASTM D5185m 1.1	<b>5</b>	6	64
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	0	0
Magnesium	ppm ASTM D5185m 0.1	<b>31</b>	29	62
Calcium	ppm ASTM D5185m 1.6	<b>7</b>	6	14
Phosphorus	ppm ASTM D5185m 159	<b>302</b>	292	249
Zinc	ppm ASTM D5185m 0.5	<b>22</b>	10	83
Sulfur	ppm ASTM D5185m 10342	<b>10198</b>	9438	12994

## CONTAMINANTS

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

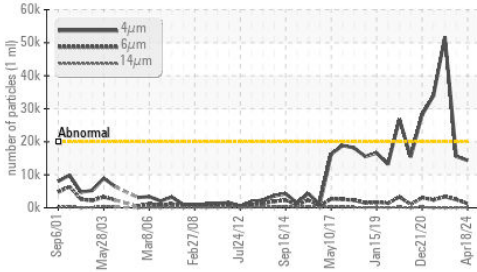
## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >20000	<b>14364</b>	15556	51752
Particles >6µm	ASTM D7647 >5000	<b>1260</b>	2515	3409
Particles >14µm	ASTM D7647 >640	<b>45</b>	102	34
Particles >21µm	ASTM D7647 >160	<b>9</b>	16	6
Particles >38µm	ASTM D7647 >40	<b>1</b>	2	0
Particles >71µm	ASTM D7647 >10	<b>0</b>	2	0
Oil Cleanliness	ISO 4406 (c) >21/19/16	<b>21/17/13</b>	21/19/14	23/19/12

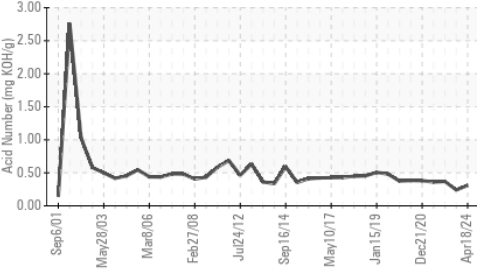


# OIL ANALYSIS REPORT

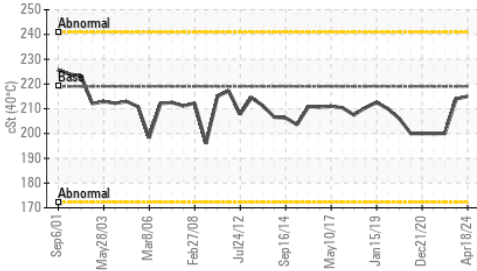
Particle Trend



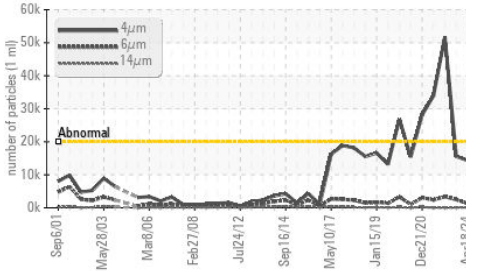
Acid Number



Viscosity @ 40°C



Particle Trend



## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	<b>0.31</b>	0.24	0.37

## 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	NEG

## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 219	<b>215</b>	214	200

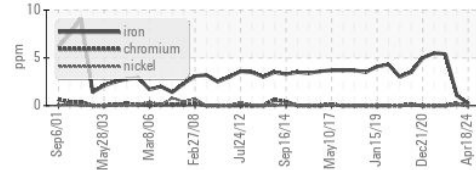
## SAMPLE IMAGES

Color

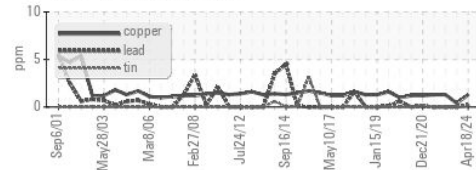
Bottom

## GRAPHS

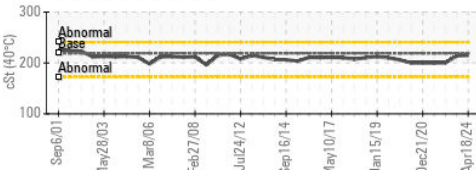
Ferrous Alloys



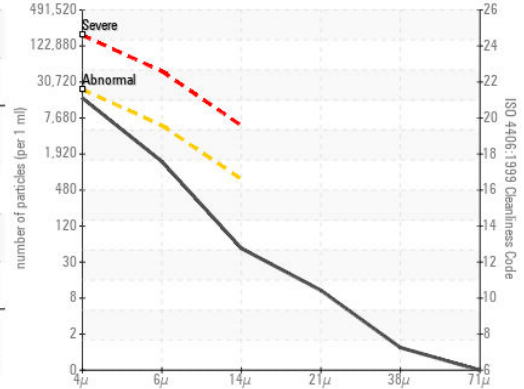
Non-ferrous Metals



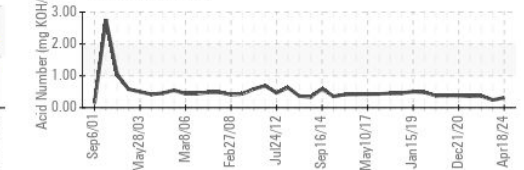
Viscosity @ 40°C



Particle Count



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0913467

Lab Number : 06154324

Unique Number : 10989747

Test Package : IND 2 ( Additional Tests: PrtCount )

Received : 19 Apr 2024

Tested : 22 Apr 2024

Diagnosed : 22 Apr 2024 - Wes Davis

SEALED AIR CORP - CRYOVAC DIVISION

1301 WEST MAGNOLIA AVE

IOWA PARK, TX

US 76367

Contact: KEVIN KETCHERSID

kevin.a.ketchersid@sealedair.com

T: (940)592-2111

F: (940)592-2513

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)