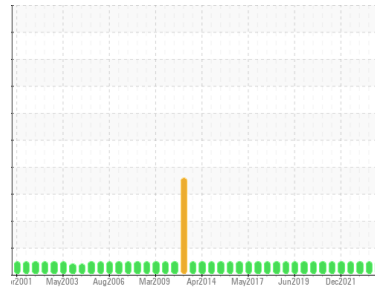




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

## BARRIER DEPARTMENT SAMPLES

Machine Id

## DAVIS STAND WEB 11 B CORE (S/N J8819)

Component

**Gearbox**

Fluid

**TEXACO MEROPA 220 (40 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 component. The amount and size of particulates present in the system 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>WC0757217</b>	WC0806391	WC0757234
Sample Date	Client Info		<b>14 Apr 2024</b>	08 Oct 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>18</b>	22	25
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>0</b>	0	0
Lead	ppm	ASTM D5185m >100	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >200	<b>4</b>	6	7
Tin	ppm	ASTM D5185m >25	<b>0</b>	<1	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>&lt;1</b>	1	<1
Barium	ppm	ASTM D5185m 0.5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m 1.1	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m 0.1	<b>1</b>	2	0
Calcium	ppm	ASTM D5185m 1.6	<b>9</b>	11	8
Phosphorus	ppm	ASTM D5185m 159	<b>157</b>	168	179
Zinc	ppm	ASTM D5185m 0.5	<b>6</b>	3	10
Sulfur	ppm	ASTM D5185m 10342	<b>5344</b>	4368	4949

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>3</b>	2	4
Sodium	ppm	ASTM D5185m	<b>2</b>	<1	0
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	<1	<1

### FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>20000	<b>3326</b>	4964	881
Particles >6µm	ASTM D7647	>5000	<b>1698</b>	1781	344
Particles >14µm	ASTM D7647	>640	<b>201</b>	213	46
Particles >21µm	ASTM D7647	>160	<b>24</b>	44	6
Particles >38µm	ASTM D7647	>40	<b>0</b>	2	1
Particles >71µm	ASTM D7647	>10	<b>0</b>	1	1
Oil Cleanliness	ISO 4406 (c)	>21/19/16	<b>19/18/15</b>	19/18/15	17/16/13

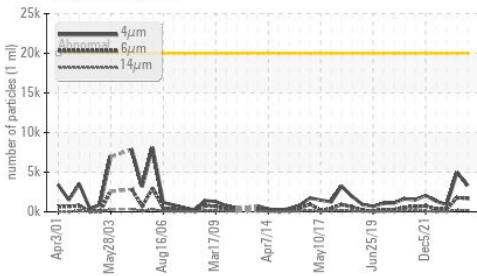
### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.58</b>	0.51	0.56

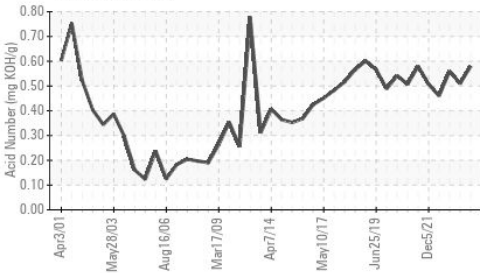


# OIL ANALYSIS REPORT

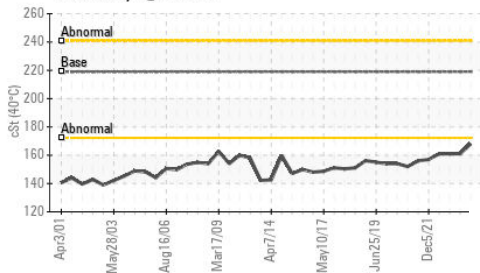
### Particle Trend



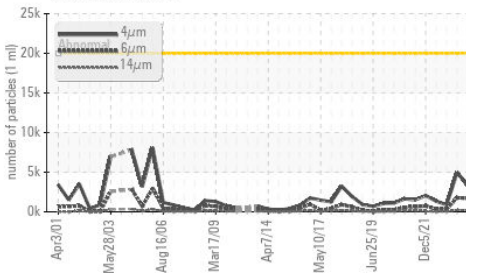
### Acid Number



### Viscosity @ 40°C



### Particle Trend



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	168	161	161

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

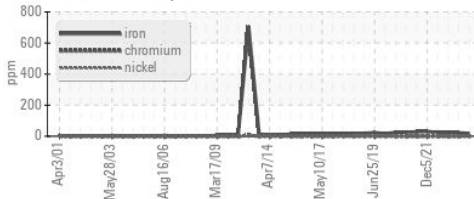


### Bottom

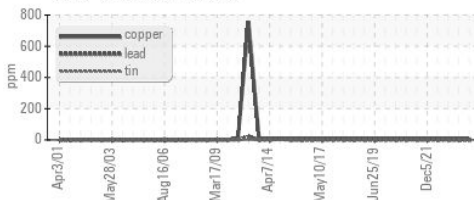


## GRAPHS

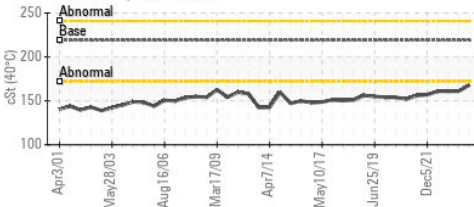
### Ferrous Alloys



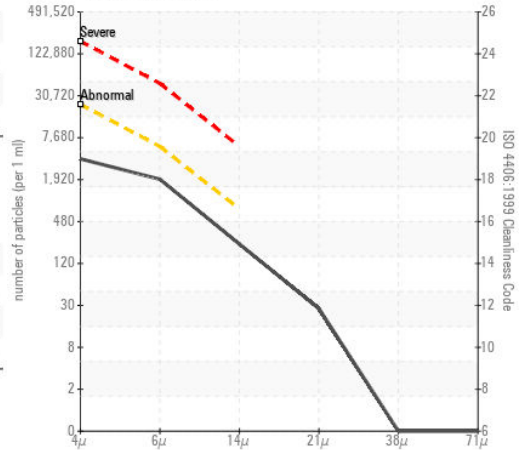
### Non-ferrous Metals



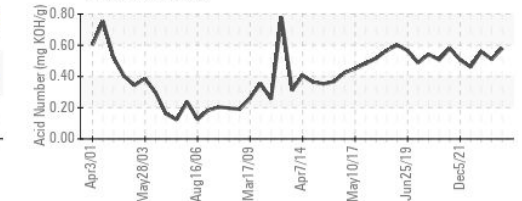
### Viscosity @ 40°C



### Particle Count



### Acid Number



Certificate L2367

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

Sample No. : WC0757217

Lab Number : 06148667

Unique Number : 10978745

Test Package : IND 2 ( Additional Tests: PrtCount )

Received : 15 Apr 2024

Tested : 16 Apr 2024

Diagnosed : 17 Apr 2024 - Don Baldrige

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)