



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area

BARRIER DEPARTMENT SAMPLES

Machine Id

DAVIS STAND WEB 10 C SARAN (S/N J5342)

Component

Gearbox

Fluid

TEXACO MEROPA 220 (15 GAL)

RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0913489	WC0821036	WC0806430
Sample Date		Client Info		18 Apr 2024	08 Oct 2023	16 May 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	29	27	17
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	1
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	2	0	0
Tin	ppm	ASTM D5185m	>25	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

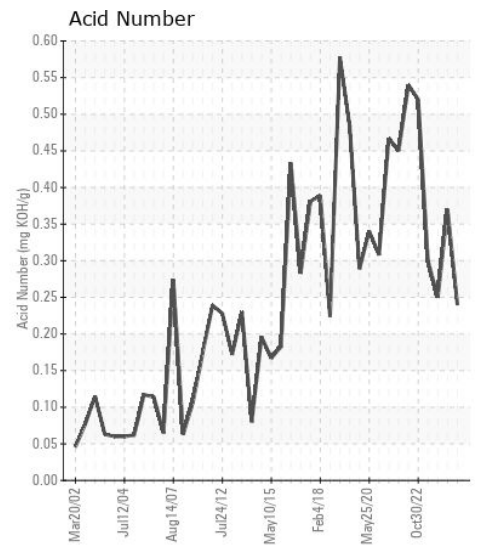
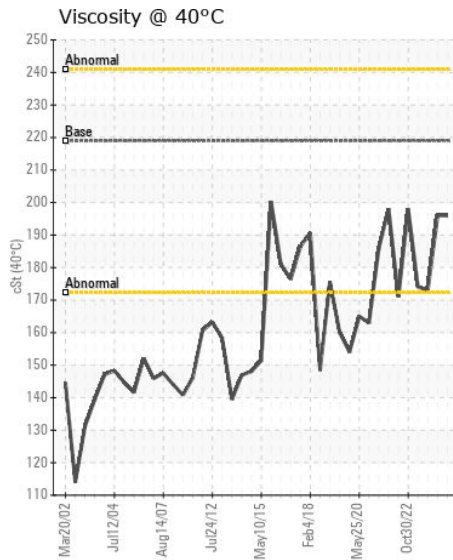
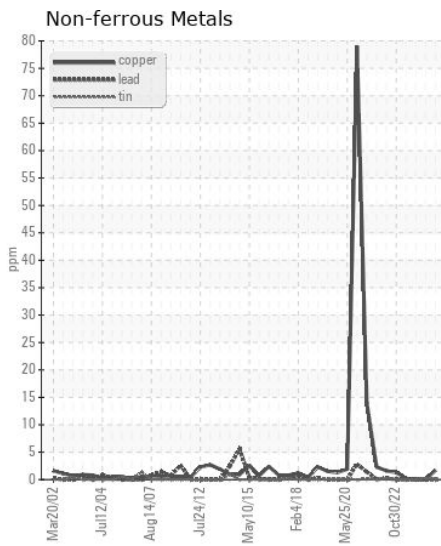
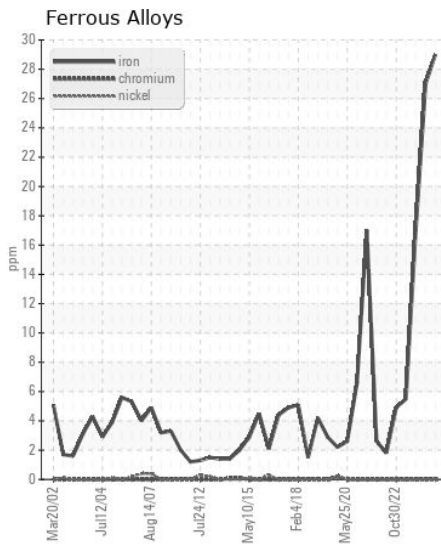
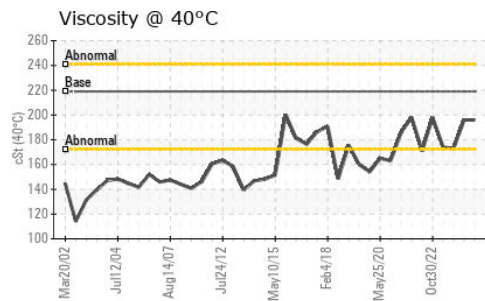
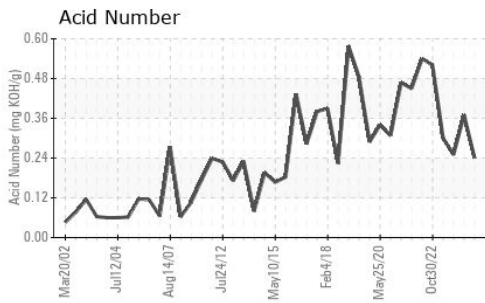
There is a moderate amount of visible silt present in the sample.

Silicon	ppm	ASTM D5185m	>50	10	11	6
Potassium	ppm	ASTM D5185m	>20	1	<1	0
Water		WC Method	>0.2	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>20000	---	13356	---
Particles >6µm		ASTM D7647	>5000	---	2809	---
Particles >14µm		ASTM D7647	>640	---	292	---
Particles >21µm		ASTM D7647	>160	---	62	---
Particles >38µm		ASTM D7647	>40	---	5	---
Particles >71µm		ASTM D7647	>10	---	3	---
Oil Cleanliness		ISO 4406 (c)	>21/19/16	---	21/19/15	---
Silt	scalar	*Visual	NONE	▲ MODER	LIGHT	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	<1	<1
Boron	ppm	ASTM D5185m	3.2	0	0	0
Barium	ppm	ASTM D5185m	0.5	0	0	0
Molybdenum	ppm	ASTM D5185m	1.1	9	7	4
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	0.1	4	3	0
Calcium	ppm	ASTM D5185m	1.6	53	4	3
Phosphorus	ppm	ASTM D5185m	159	210	257	163
Zinc	ppm	ASTM D5185m	0.5	16	0	0
Sulfur	ppm	ASTM D5185m	10342	10037	8723	7264
Acid Number (AN)	mg KOH/g	ASTM D8045		0.24	0.37	0.25
Visc @ 40°C	cSt	ASTM D445	219	196	196	173



Certificate L2367

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

Sample No. : WC0913489

Lab Number : 06154334

Unique Number : 10989757

Test Package : IND 2 (Additional Tests: PrtCount)

Received : 19 Apr 2024

Tested : 24 Apr 2024

Diagnosed : 24 Apr 2024 - Jonathan Hester

SEALED AIR CORP - CRYOVAC DIVISION

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IOWA PARK, TX

US 76367

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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)