



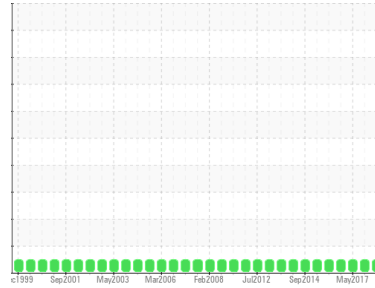
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
BARRIER DEPARTMENT SAMPLES
 Machine Id
DAVIS STAND WEB 13 E (S/N N8652)
 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	WCI2319679	WCI2309895	WCI2277324
Sample Date	Client Info	04 Feb 2018	22 Aug 2017	10 May 2017
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	8	7	8
Chromium	ppm ASTM D5185m >15	0	0	0
Nickel	ppm ASTM D5185m >15	0	0	0
Titanium	ppm ASTM D5185m	0	0	<1
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	1	<1	<1
Tin	ppm ASTM D5185m >25	0	<1	0
Antimony	ppm ASTM D5185m	<1	0	0
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 3.2	1	1	1
Barium	ppm ASTM D5185m 0.5	0	0	0
Molybdenum	ppm ASTM D5185m 1.1	4	4	4
Manganese	ppm ASTM D5185m	<1	<1	<1
Magnesium	ppm ASTM D5185m 0.1	0	<1	<1
Calcium	ppm ASTM D5185m 1.6	5	5	6
Phosphorus	ppm ASTM D5185m 159	63	34	46
Zinc	ppm ASTM D5185m 0.5	11	9	11
Sulfur	ppm ASTM D5185m 10342	2758	1349	2416

CONTAMINANTS

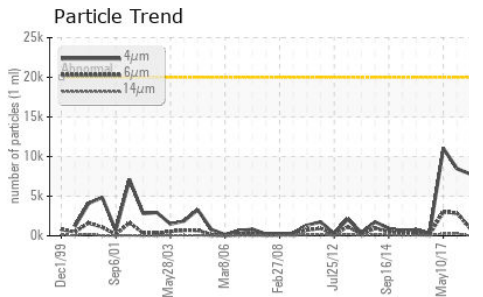
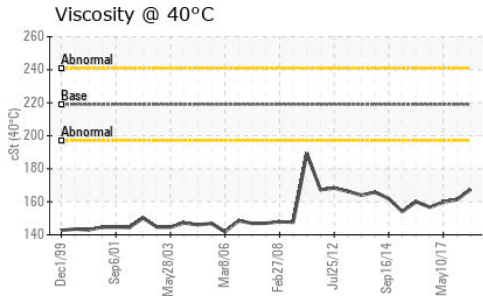
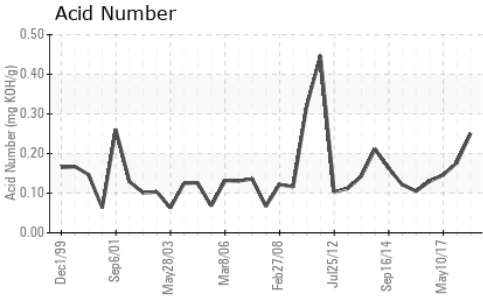
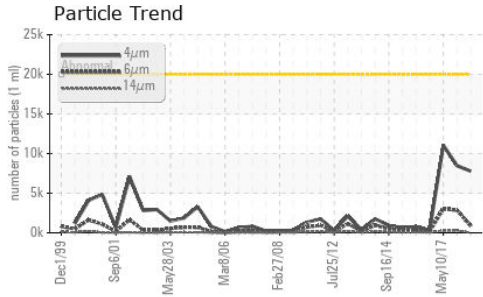
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	2	2	2
Sodium	ppm ASTM D5185m	2	1	2
Potassium	ppm ASTM D5185m >20	0	0	7

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >20000	7782	8465	11053
Particles >6µm	ASTM D7647 >5000	895	2858	3036
Particles >14µm	ASTM D7647 >640	30	264	264
Particles >21µm	ASTM D7647 >160	7	37	42
Particles >38µm	ASTM D7647 >40	1	7	8
Particles >71µm	ASTM D7647 >10	1	7	0
Oil Cleanliness	ISO 4406 (c) >21/19/16	20/17/12	20/19/15	21/19/15



OIL ANALYSIS REPORT

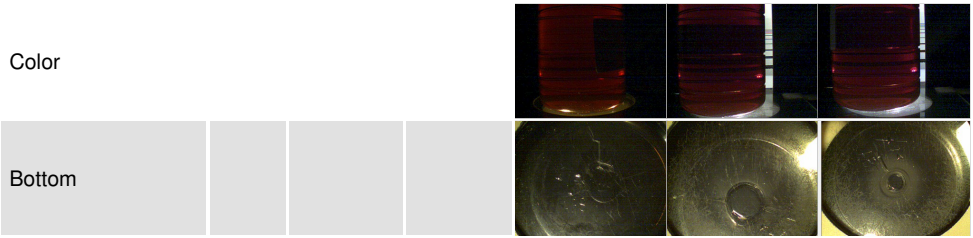


FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.251	0.177	0.146

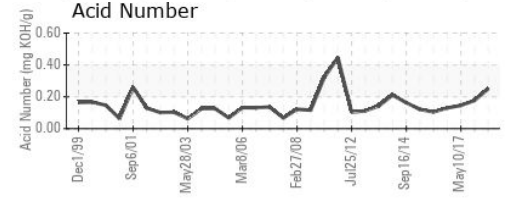
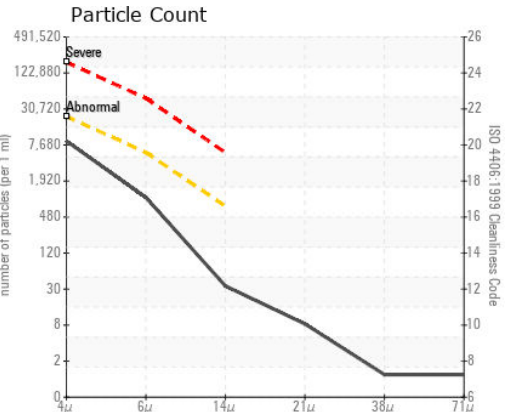
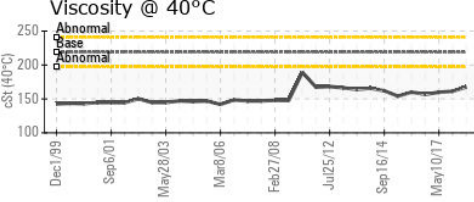
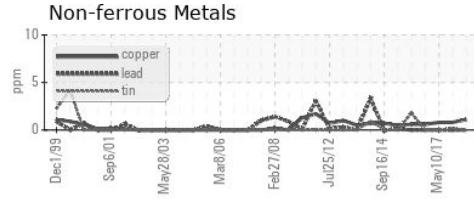
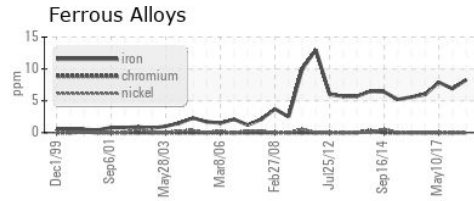
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	161.3	159.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC12319679
Lab Number : 04399982
Unique Number : 8083640
Test Package : IND 2 (Additional Tests: PrtCount)

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)