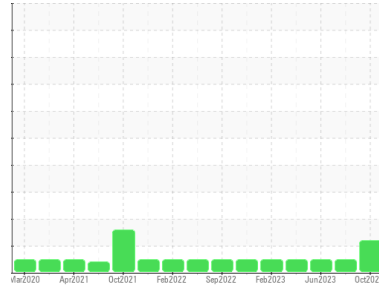
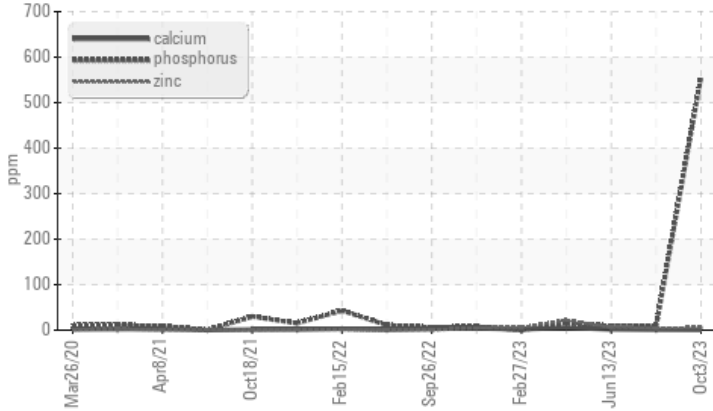


Area
PALLUBE 32
Machine Id
SULLIVAN PALATEK 19ME000725 - GEORIGA TEC
Component
Compressor



COMPONENT CONDITION SUMMARY

▲ Additives



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	NORMAL	NORMAL
Barium	ppm	ASTM D5185m	730	▲ 8	31	81
Phosphorus	ppm	ASTM D5185m	0	▲ 555	8	9
Sulfur	ppm	ASTM D5185m	590	▲ 1087	399	436

Customer Id: UCCELIMCD
Sample No.: UCS05981959
Lab Number: 05981959
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

07 Aug 2023 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



13 Jun 2023 Diag: Doug Bogart

NORMAL



We suspect abnormal contamination may be due to sampling method. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. No other contaminants were detected in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



12 Apr 2023 Diag: Jonathan Hester

NORMAL

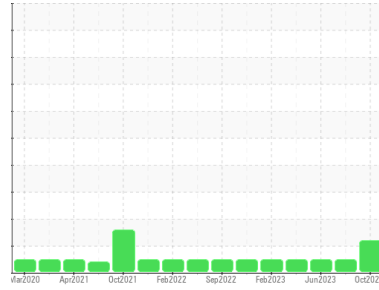


Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



Area
PALLUBE 32
Machine Id
SULLIVAN PALATEK 19ME000725 - GEORIGA TEC
Component
Compressor



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 oil.
- ▲ Fluid Condition**
Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCS05981959	UCS05921555	UCS05904489
Sample Date	Client Info		03 Oct 2023	07 Aug 2023	13 Jun 2023
Machine Age	hrs	Client Info	32329	30946	29607
Oil Age	hrs	Client Info	1383	11251	9912
Oil Changed	Client Info		Not Chngd	Changed	Not Chngd
Sample Status			ATTENTION	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	0	<1	0
Chromium	ppm	ASTM D5185m >10	0	<1	0
Nickel	ppm	ASTM D5185m	0	<1	<1
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >25	0	2	0
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	2	2	2
Tin	ppm	ASTM D5185m >15	0	<1	0
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	<1	<1	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 1	0	<1	0
Barium	ppm	ASTM D5185m 730	▲ 8	31	81
Molybdenum	ppm	ASTM D5185m 0	0	0	0
Manganese	ppm	ASTM D5185m 0.0	0	0	0
Magnesium	ppm	ASTM D5185m 0	0	0	<1
Calcium	ppm	ASTM D5185m 0	0	<1	2
Phosphorus	ppm	ASTM D5185m 0	▲ 555	8	9
Zinc	ppm	ASTM D5185m 0	6	4	6
Sulfur	ppm	ASTM D5185m 590	▲ 1087	399	436

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	2	<1	<1
Sodium	ppm	ASTM D5185m	1	64	61
Potassium	ppm	ASTM D5185m >20	2	5	5

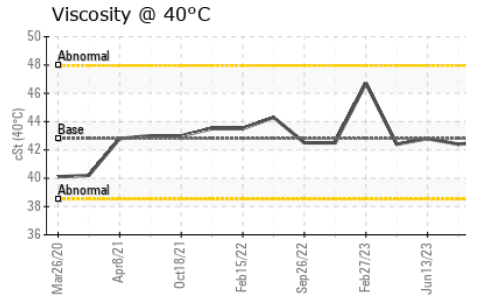
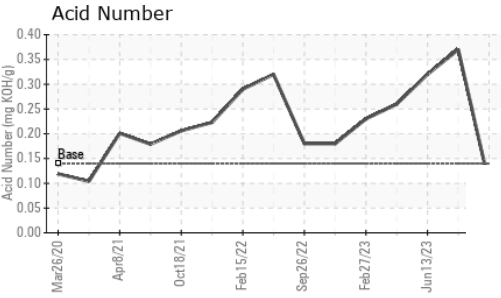
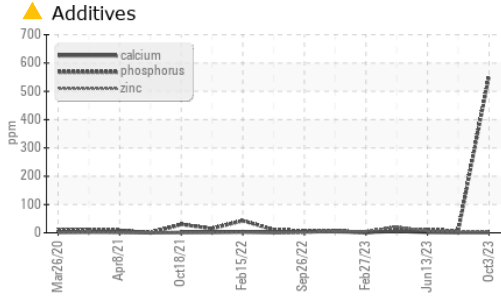
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.14	0.10	0.37	0.32

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	LIGHT	MODER
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	LIGHT
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 >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

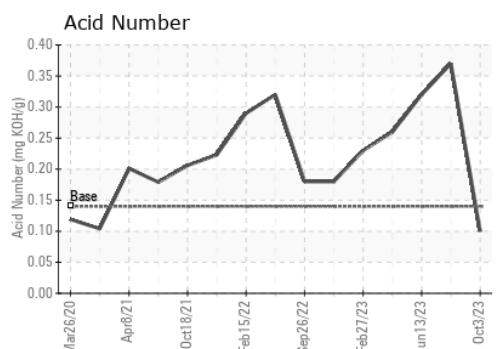
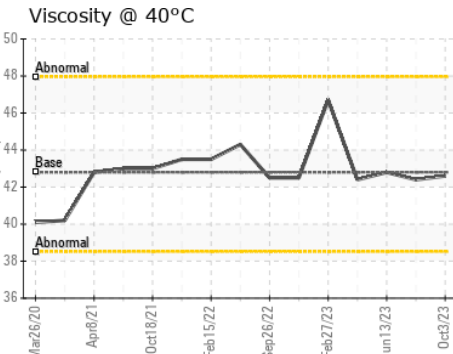
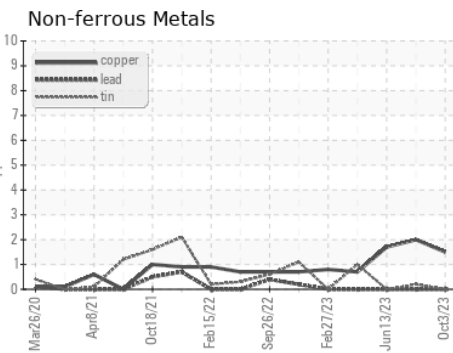
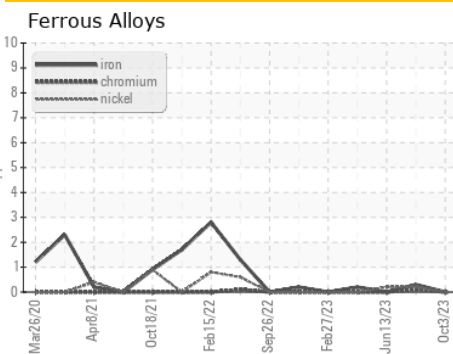
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.8	42.6	42.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS05981959
Lab Number : 05981959
Unique Number : 10699254
Test Package : IND 2

ELITE COMPRESSED AIR SYSTEMS INC
 MCDONOUGH, GA
 US 30252
 Contact: RONNY MINNIX
 elitecompressed@gmail.com
 T: (770)898-9594
 F:

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)