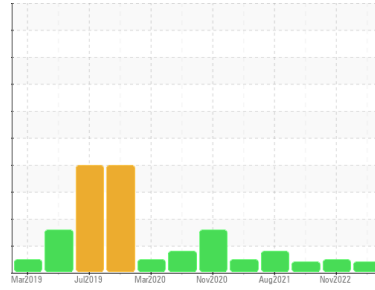


PROBLEM SUMMARY

Sample Rating Trend



ADDITIVES



Area
PALLUBE 32
Machine Id
SULLIVAN PALATEK 1809130001 - C&S TRUCK AND TRAILER
Component
Compressor

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	NORMAL	ATTENTION
Barium	ppm	ASTM D5185m	730	▲ 10	288	▲ <1

Customer Id: UCCELIMCD
Sample No.: UCS05904490
Lab Number: 05904490
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

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

14 Nov 2022 Diag: Jonathan Hester

NORMAL



We suspect abnormal metal 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. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

[view report](#)



05 Oct 2021 Diag: Jonathan Hester

ADDITIVES



The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. An additive depletion is indicated. The AN level is acceptable for this fluid.

[view report](#)



21 Aug 2021 Diag: Angela Borella

ADDITIVES

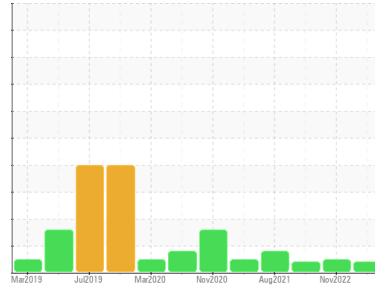


The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. An additive depletion is indicated. The AN level is acceptable for this fluid.

[view report](#)



Area
PALLUBE 32
Machine Id
SULLIVAN PALATEK 1809130001 - C&S TRUCK AND TRAILER
Component
Compressor



DIAGNOSIS

Recommendation
The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear
All component wear rates are normal.

Contamination
Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition
An additive depletion is indicated. The AN level is acceptable for this fluid.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		UCS05904490	UCS05799816	UCS05413310
Sample Date	Client Info		17 Jun 2023	14 Nov 2022	05 Oct 2021
Machine Age	hrs	Client Info	23606	22605	16199
Oil Age	hrs	Client Info	2038	1037	5027
Oil Changed	Client Info		Not Changd	N/A	Not Changd
Sample Status			ATTENTION	NORMAL	ATTENTION

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

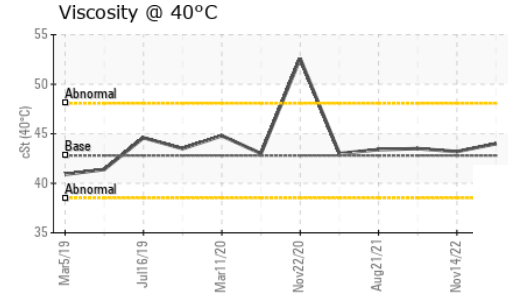
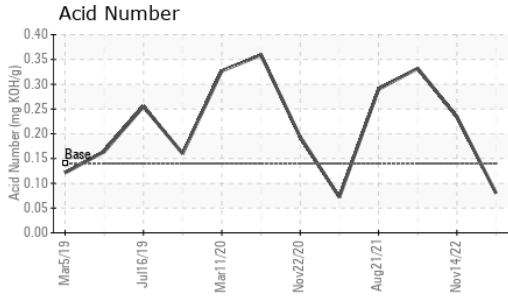
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 1	0	0	0
Barium	ppm	ASTM D5185m 730	▲ 10	288	▲ <1
Molybdenum	ppm	ASTM D5185m 0	0	0	<1
Manganese	ppm	ASTM D5185m 0.0	0	0	<1
Magnesium	ppm	ASTM D5185m 0	<1	0	<1
Calcium	ppm	ASTM D5185m 0	1	1	2
Phosphorus	ppm	ASTM D5185m 0	4	0	28
Zinc	ppm	ASTM D5185m 0	2	0	9
Sulfur	ppm	ASTM D5185m 590	639	780	411

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	2	<1	2
Sodium	ppm	ASTM D5185m	90	79	50
Potassium	ppm	ASTM D5185m >20	3	2	7

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.14	0.08	0.234	0.332

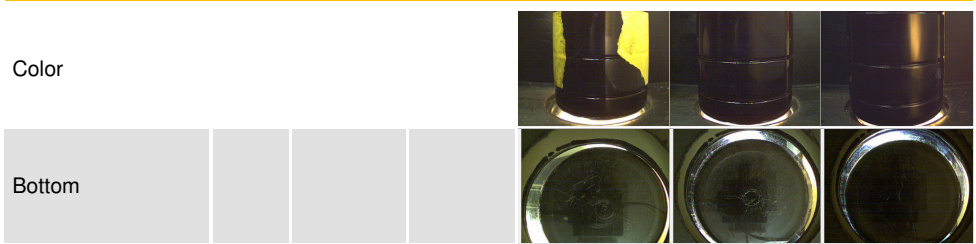
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	LIGHT
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	MODER	NONE	VLITE
Sand/Dirt	scalar	*Visual 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	ONLY MINNIX	UCELIMCD

OIL ANALYSIS REPORT

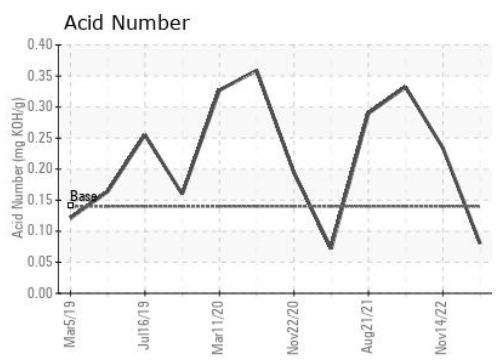
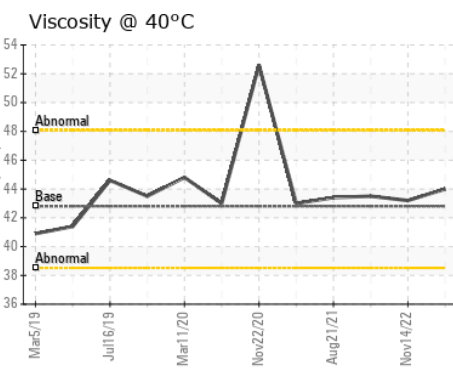
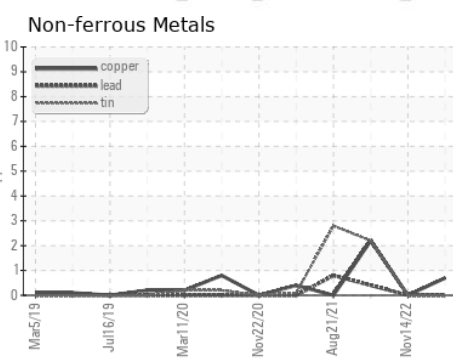
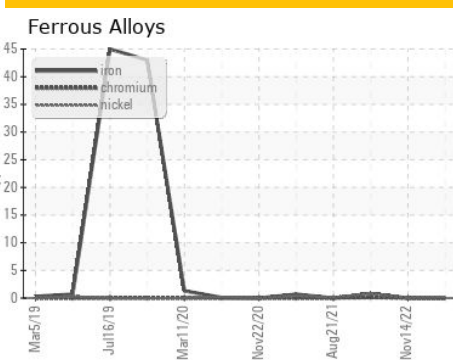


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	42.8	44.0	43.2	43.5

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS05904490 **Received** : 21 Jul 2023
Lab Number : 05904490 **Diagnosed** : 24 Jul 2023
Unique Number : 10565846 **Diagnostician** : Doug Bogart
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)