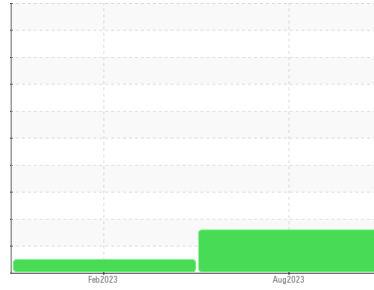


PROBLEM SUMMARY

Area
PALASYN 45
Machine Id
SULLIVAN PALATEK 1712150006 - CORYDON MACHINE
Component
Compressor

Sample Rating Trend



WATER



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

Oil and 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	---
Free Water	scalar	*Visual	▲ 1.0	NEG	---

Customer Id: UCBRELOU
Sample No.: UCS05959902
Lab Number: 05959902
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

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS

17 Feb 2023 Diag: Don Baldrige

NORMAL

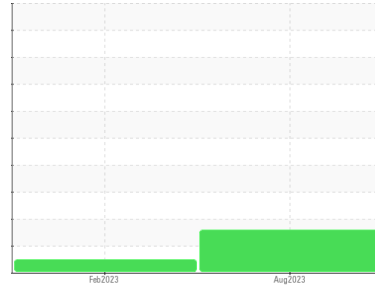


Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



Area
PALASYN 45
Machine Id
SULLIVAN PALATEK 1712150006 - CORYDON MACHINE
Component
Compressor



DIAGNOSIS

- ▲ Recommendation**
Oil and 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. Free water present.
- Fluid Condition**
The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCS05959902	UCS05777561	---
Sample Date	Client Info		25 Aug 2023	17 Feb 2023	---
Machine Age	hrs	Client Info	20848	19253	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		Changed	Not Changd	---
Sample Status			ATTENTION	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<1	0	---
Chromium	ppm	ASTM D5185m >10	0	0	---
Nickel	ppm	ASTM D5185m	0	0	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	2	<1	---
Lead	ppm	ASTM D5185m >25	0	0	---
Copper	ppm	ASTM D5185m >50	2	3	---
Tin	ppm	ASTM D5185m >15	<1	0	---
Vanadium	ppm	ASTM D5185m	0	<1	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.0	0	0	---
Barium	ppm	ASTM D5185m 0.0	0	0	---
Molybdenum	ppm	ASTM D5185m 0	<1	0	---
Manganese	ppm	ASTM D5185m 0	1	<1	---
Magnesium	ppm	ASTM D5185m 0.0	<1	5	---
Calcium	ppm	ASTM D5185m 0.0	0	0	---
Phosphorus	ppm	ASTM D5185m 966	474	273	---
Zinc	ppm	ASTM D5185m 0	0	<1	---
Sulfur	ppm	ASTM D5185m 1309	223	0	---

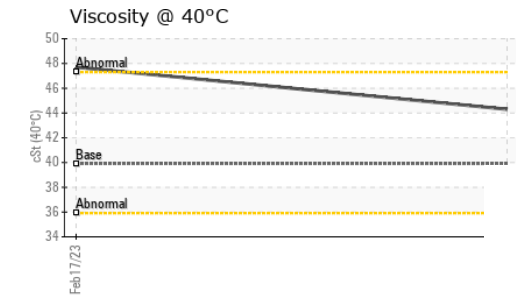
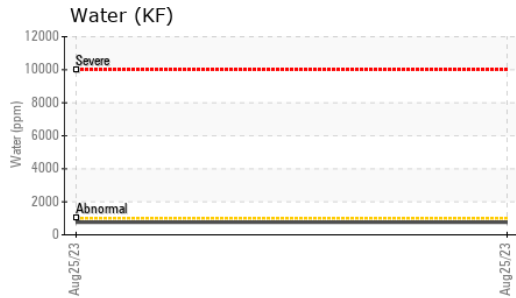
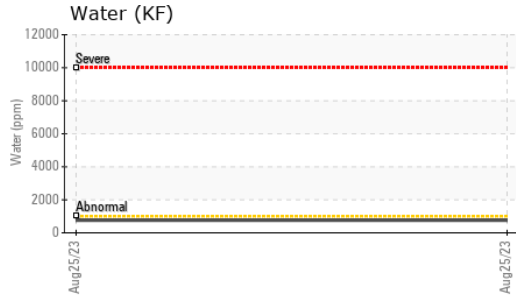
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	2	2	---
Sodium	ppm	ASTM D5185m	3	<1	---
Potassium	ppm	ASTM D5185m >20	<1	0	---
Water	%	ASTM D6304 >0.1	0.076	---	---
ppm Water	ppm	ASTM D6304 >1000	760	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.172	0.18	0.11	---

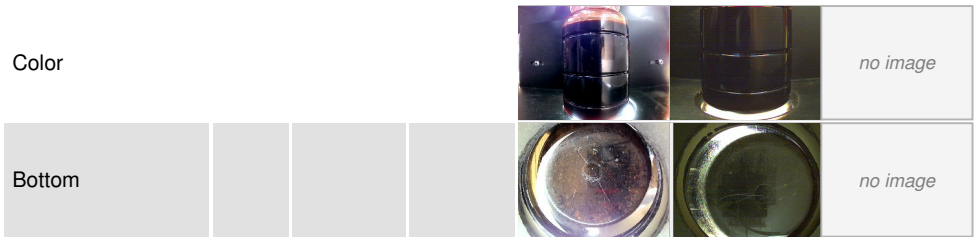
OIL ANALYSIS REPORT



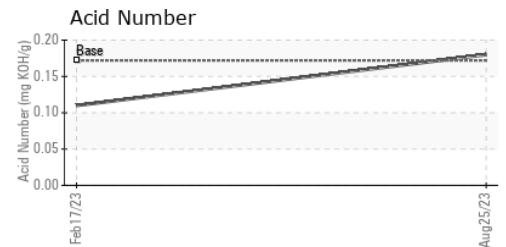
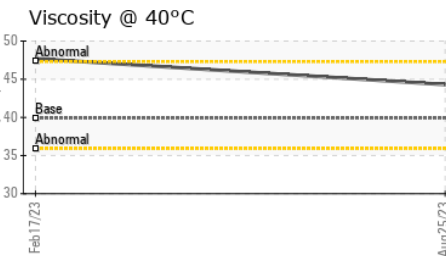
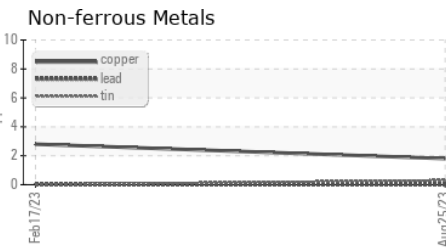
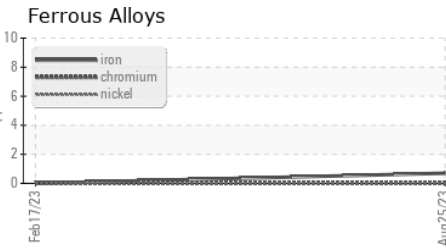
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	MODER	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG
Free Water	scalar	*Visual		▲ 1.0	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	39.9	44.3	47.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS05959902 **Received** : 25 Sep 2023
Lab Number : 05959902 **Diagnosed** : 26 Sep 2023
Unique Number : 10661115 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

BREHOB CORP

LOUISVILLE, KY
 US 40213
 Contact: Kelli Nalley
 knalley@brehob.com

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)

T:
F: