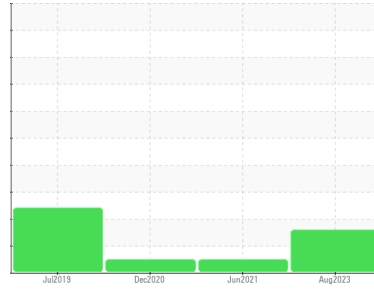


PROBLEM SUMMARY

Area
FOOD GRADE 32
Machine Id
PALATEK 1609220003 - ASSOCIATED POTATO GROWERS
Component
Compressor

Sample Rating Trend

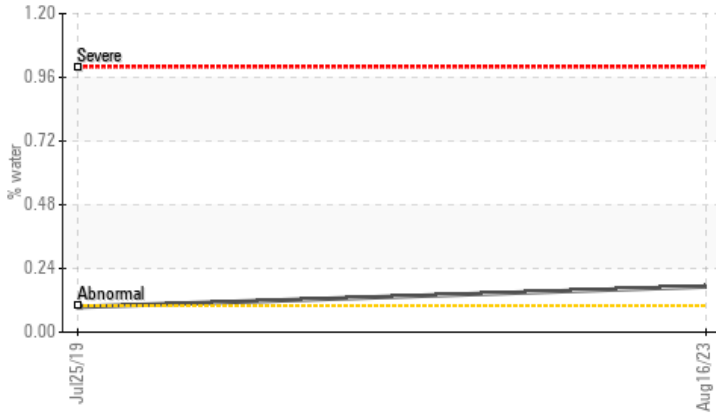


WATER



COMPONENT CONDITION SUMMARY

▲ Water



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	NORMAL
Water	%	ASTM D6304	>0.1	▲ 0.172	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 1720	---	---

Customer Id: UCJEMWES
Sample No.: UCS05930940
Lab Number: 05930940
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

15 Jun 2021 Diag: Angela Borella

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



22 Dec 2020 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



25 Jul 2019 Diag: Jonathan Hester

WATER

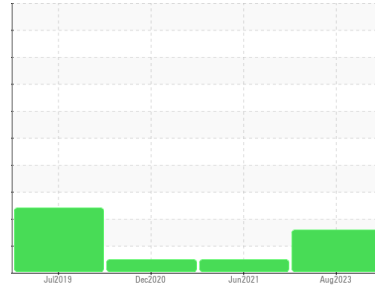


Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Free water present. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



Area
FOOD GRADE 32
Machine Id
PALATEK 1609220003 - ASSOCIATED POTATO GROWERS
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

There is a light concentration of water present in the oil.

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		UCS05930940	UCS05293132	UCS05143535
Sample Date	Client Info		16 Aug 2023	15 Jun 2021	22 Dec 2020
Machine Age	hrs	Client Info	25377	17654	0
Oil Age	hrs	Client Info	4000	300	4000
Oil Changed	Client Info		Changed	Changed	N/A
Sample Status			ATTENTION	NORMAL	NORMAL

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 1	0	<1	0
Barium	ppm	ASTM D5185m 0.3	0	0	1
Molybdenum	ppm	ASTM D5185m 0	0	0	0
Manganese	ppm	ASTM D5185m 0	<1	<1	<1
Magnesium	ppm	ASTM D5185m 0	3	<1	0
Calcium	ppm	ASTM D5185m 0.5	6	2	<1
Phosphorus	ppm	ASTM D5185m 536	385	371	400
Zinc	ppm	ASTM D5185m 0.2	185	26	25
Sulfur	ppm	ASTM D5185m 649	465	389	404

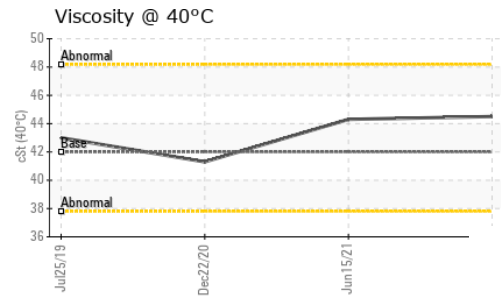
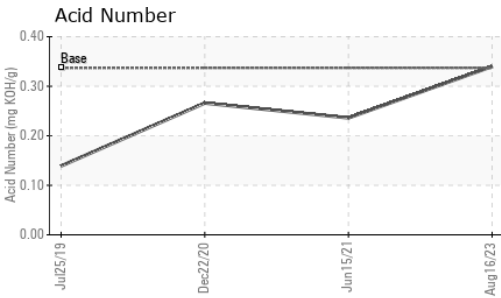
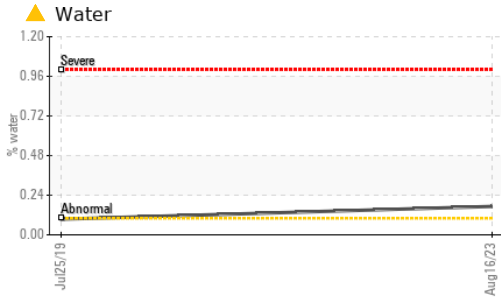
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<1	<1	0
Sodium	ppm	ASTM D5185m	36	19	10
Potassium	ppm	ASTM D5185m >20	1	<1	0
Water	%	ASTM D6304 >0.1	▲ 0.172	---	---
ppm Water	ppm	ASTM D6304 >1000	▲ 1720	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.337	0.34	0.236	0.266

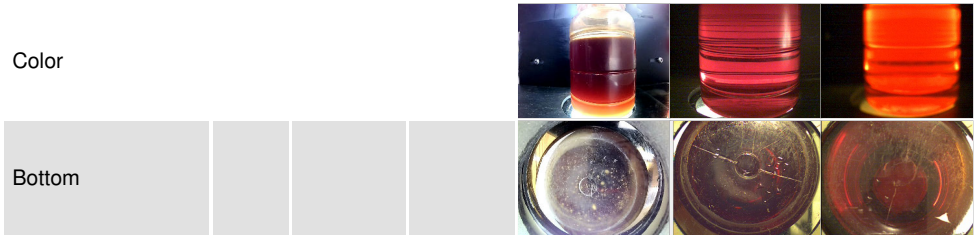
OIL ANALYSIS REPORT



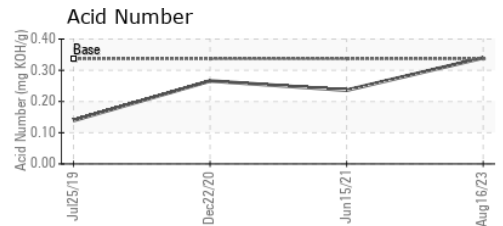
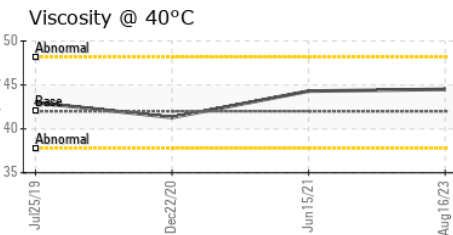
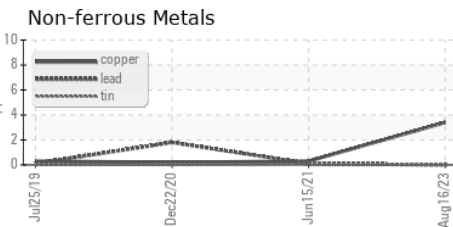
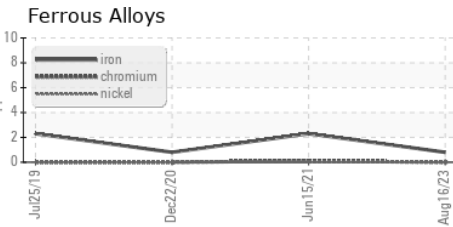
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	MODER	VLITE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	42.0	44.5	44.3	41.3

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. : UCS05930940 **Received** : 22 Aug 2023
Lab Number : 05930940 **Diagnosed** : 24 Aug 2023
Unique Number : 10616211 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

JEMCO-MAXAIR

WEST FARGO, ND
 US 58078
 Contact: DALE K
 dalek@jemco-maxair.com
 T: (701)281-0362

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)

F: x: