



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
PALLUBE 32
Machine Id
PALATEK 1805210001 - SONSTEGARD FOODS
Component
Compressor

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.

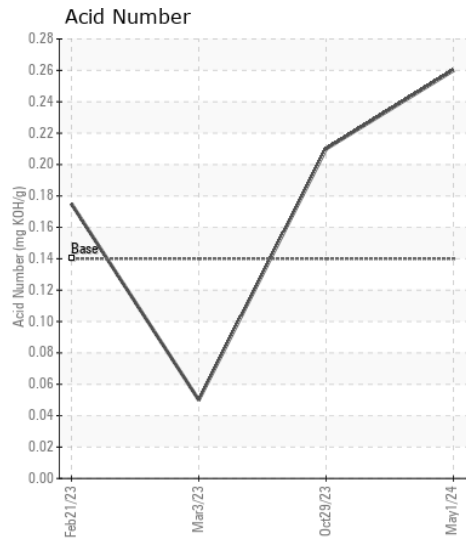
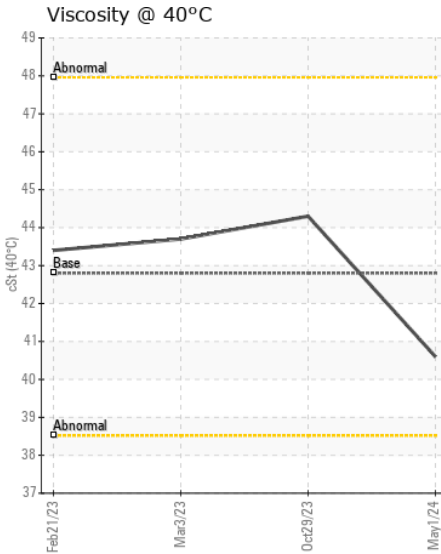
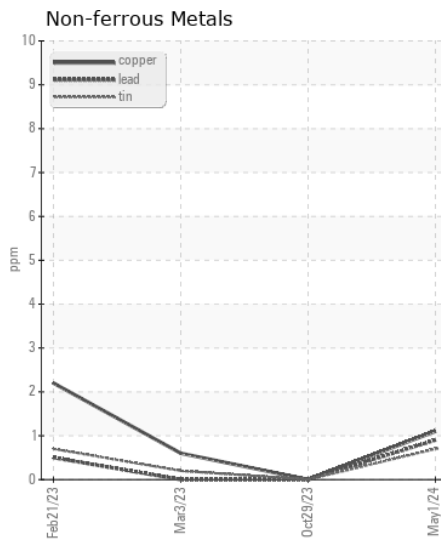
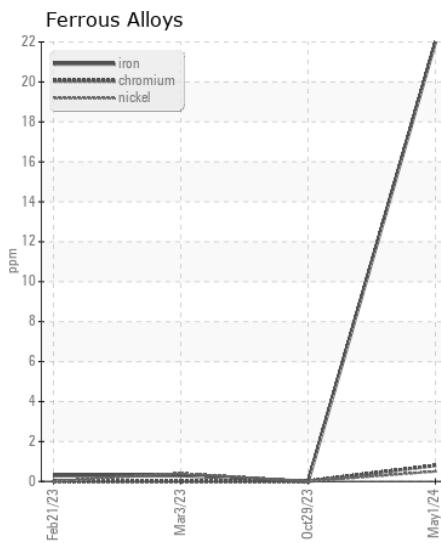
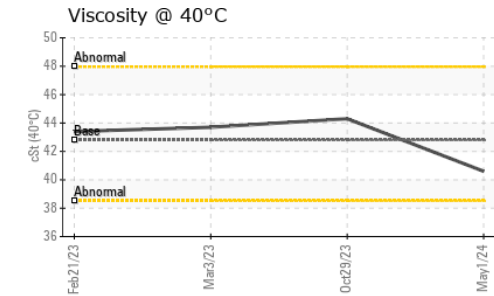
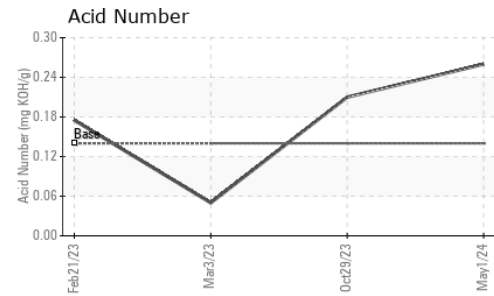
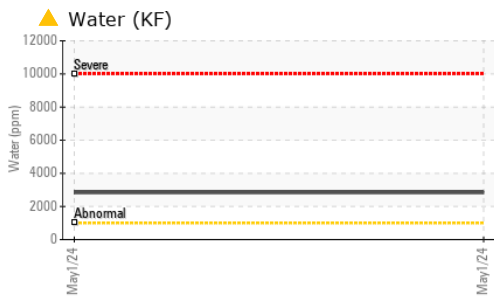
CONTAMINATION

There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06194158	UCS06023847	UCS05794607
Sample Date		Client Info		01 May 2024	29 Oct 2023	03 Mar 2023
Machine Age	hrs	Client Info		49266	40106	39718
Oil Age	hrs	Client Info		0	0	3500
Filter Age	hrs	Client Info		0	0	3500
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	22	0	<1
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		1	0	0
Aluminum	ppm	ASTM D5185m	>25	3	0	<1
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	1	0	<1
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	4	0	0
Potassium	ppm	ASTM D5185m	>20	6	6	4
Water	%	ASTM D6304	>0.1	▲ 0.284	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 2840	---	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	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	0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m		63	63	39
Boron	ppm	ASTM D5185m	1	3	0	0
Barium	ppm	ASTM D5185m	730	222	226	584
Molybdenum	ppm	ASTM D5185m	0	11	0	0
Manganese	ppm	ASTM D5185m	0.0	<1	0	<1
Magnesium	ppm	ASTM D5185m	0	33	0	<1
Calcium	ppm	ASTM D5185m	0	86	3	3
Phosphorus	ppm	ASTM D5185m	0	107	9	8
Zinc	ppm	ASTM D5185m	0	91	6	1
Sulfur	ppm	ASTM D5185m	590	788	578	478
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.26	0.21	0.05
Visc @ 40°C	cSt	ASTM D445	42.8	40.6	44.3	43.7



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06194158 **Received** : 29 May 2024
Lab Number : 06194158 **Tested** : 31 May 2024
Unique Number : 11056281 **Diagnosed** : 31 May 2024 - Angela Borella
Test Package : IND 2 (Additional Tests: KF)

AIR COMPRESSOR EQUIPMENT COMPANY

LOWELL, AZ
 US 72745

Contact: TONY PEARSON
 WPEARSON@ACEC-ARK.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)

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 F: (479)770-2125