



Area
PALEXTRA 44
Machine Id
PALATEK 1401270002 - SWHEAT SCOOP
Component
Compressor

RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

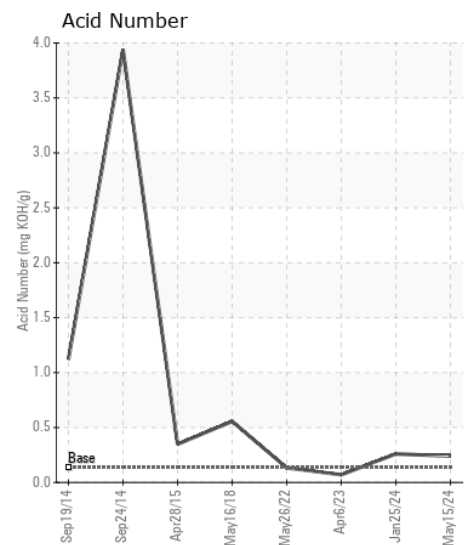
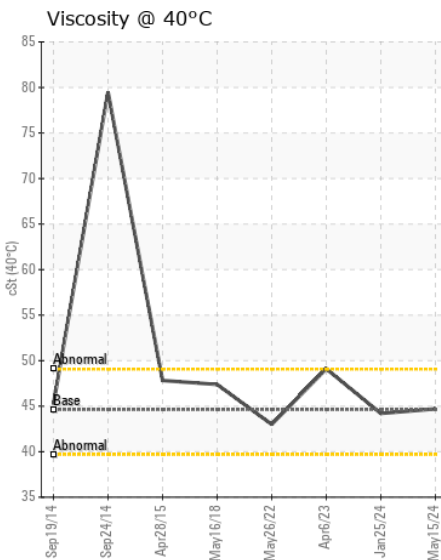
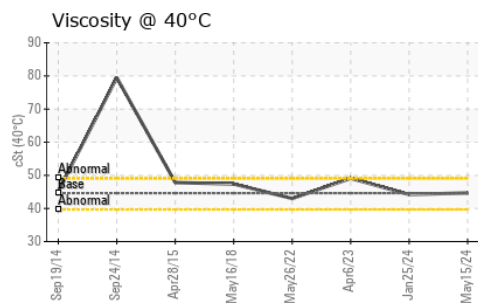
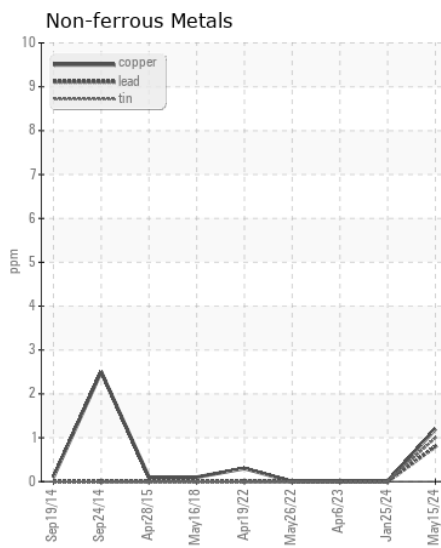
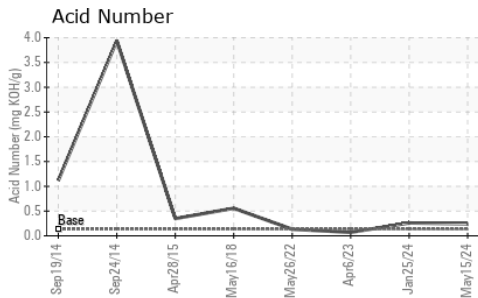
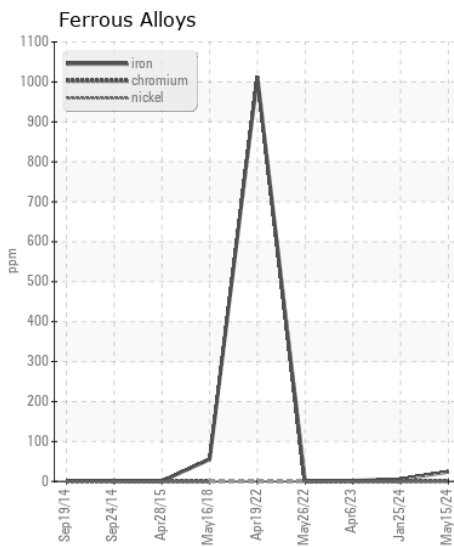
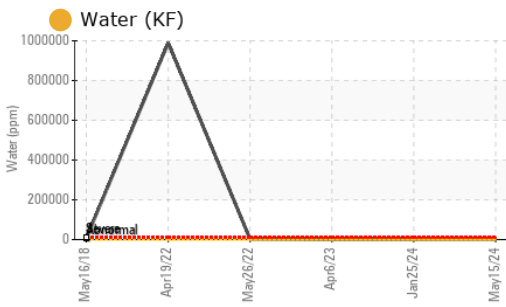
CONTAMINATION

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		UCS06186278	UCS06088922	UCS05821622
Sample Date		Client Info		15 May 2024	25 Jan 2024	06 Apr 2023
Machine Age	hrs	Client Info		35301	34575	32663
Oil Age	hrs	Client Info		726	1359	2000
Filter Age	hrs	Client Info		726	1359	2000
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Changed
Sample Status				ATTENTION	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	24	5	2
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	1	0	0
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	1	0	0
Tin	ppm	ASTM D5185m	>15	1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	2	<1	<1
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water	%	ASTM D6304	>0.1	0.134	0.079	0.049
ppm Water	ppm	ASTM D6304	>1000	1340	790	490
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	MODER	MODER	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	HAZY	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	0.2%	0.2%	0.2%
Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0.3	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	0
Manganese	ppm	ASTM D5185m	0.3	<1	0	<1
Magnesium	ppm	ASTM D5185m	0.4	<1	0	2
Calcium	ppm	ASTM D5185m	0	6	0	0
Phosphorus	ppm	ASTM D5185m	689	219	146	38
Zinc	ppm	ASTM D5185m	0	29	<1	0
Sulfur	ppm	ASTM D5185m	1237	1102	810	312
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	0.24	0.26	0.07
Visc @ 40°C	cSt	ASTM D445	44.62	44.7	44.2	49.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : UCS06186278

Lab Number : 06186278

Unique Number : 11043030

Test Package : IND 2 (Additional Tests: KF)

Received : 21 May 2024

Tested : 22 May 2024

Diagnosed : 23 May 2024 - Don Baldrige

JEMCO-MAXAIR

WEST FARGO, ND
US 58078

Contact: DALE K
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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)