



WEAR	ABNORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL

Area
PALEXTRA 44
Machine Id
PALATEK 06H097B - WENSMEN SEED
Component
Compressor

RECOMMENDATION

We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. Please note that there was too much water present in the oil to perform a viscosity test.

WEAR

The iron level is abnormal. All other component wear rates are normal.

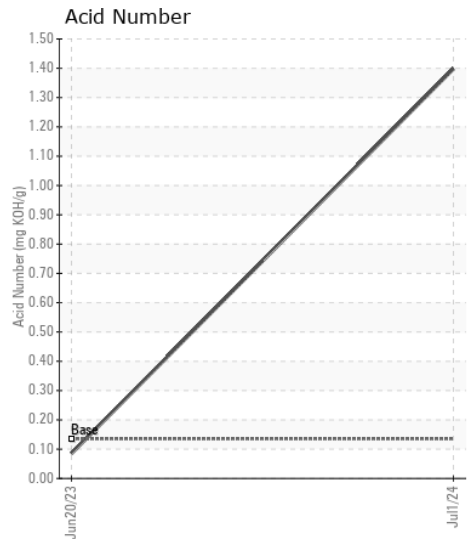
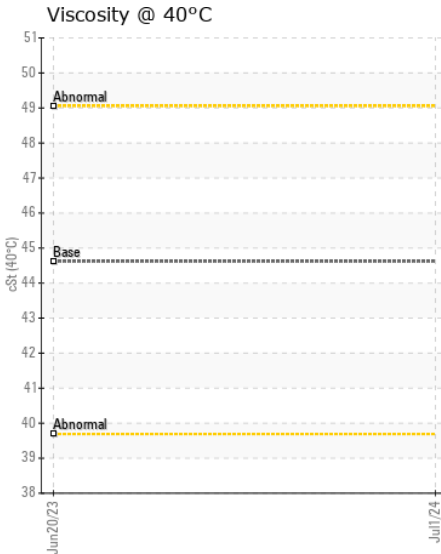
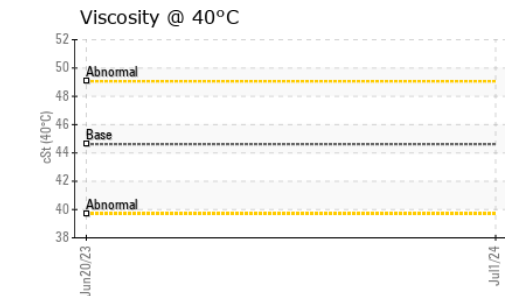
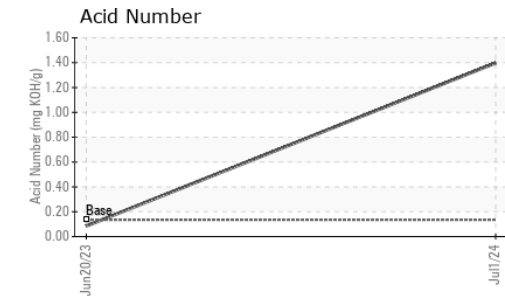
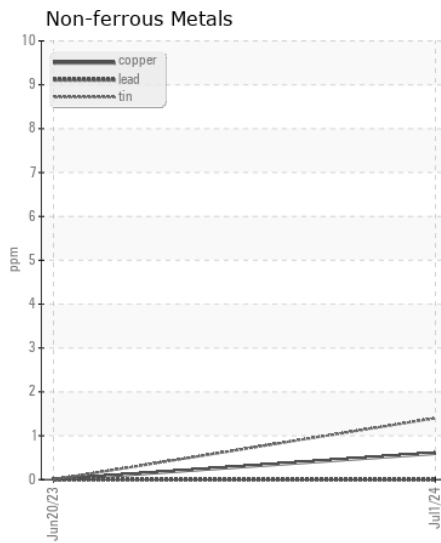
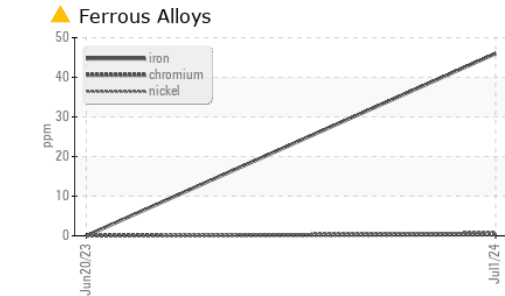
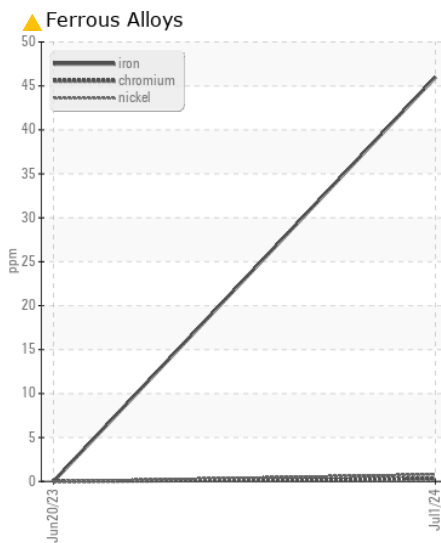
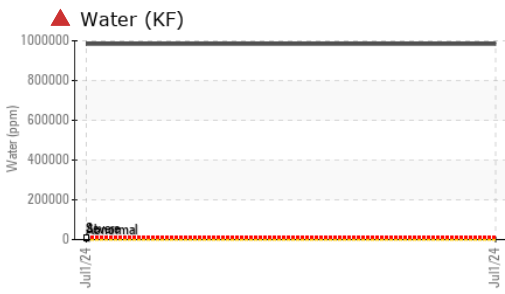
CONTAMINATION

Sample consists almost entirely of free water. There is a high concentration of water present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06231548	UCS05887918	---
Sample Date		Client Info		01 Jul 2024	20 Jun 2023	---
Machine Age	hrs	Client Info		29869	29869	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				SEVERE	NORMAL	---
Iron	ppm	ASTM D5185m	>50	▲ 46	0	---
Chromium	ppm	ASTM D5185m	>10	<1	0	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>25	3	<1	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>50	<1	0	---
Tin	ppm	ASTM D5185m	>15	1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>25	2	1	---
Potassium	ppm	ASTM D5185m	>20	<1	0	---
Water	%	ASTM D6304	>0.1	▲ 98.4	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 984000	---	---
Silt	scalar	*Visual	NONE	MODER	NONE	---
Debris	scalar	*Visual	NONE	NONE	MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	NEG	---
Sodium	ppm	ASTM D5185m		5	<1	---
Boron	ppm	ASTM D5185m	0	8	0	---
Barium	ppm	ASTM D5185m	0.3	<1	15	---
Molybdenum	ppm	ASTM D5185m	0	0	0	---
Manganese	ppm	ASTM D5185m	0.3	<1	0	---
Magnesium	ppm	ASTM D5185m	0.4	<1	13	---
Calcium	ppm	ASTM D5185m	0	0	1	---
Phosphorus	ppm	ASTM D5185m	689	45	596	---
Zinc	ppm	ASTM D5185m	0	<1	30	---
Sulfur	ppm	ASTM D5185m	1237	0	345	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	1.398	0.085	---
Visc @ 40°C	cSt	ASTM D445	44.62	---	43.6	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06231548 **Received** : 09 Jul 2024
Lab Number : 06231548 **Tested** : 10 Jul 2024
Unique Number : 11115041 **Diagnosed** : 11 Jul 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KF)

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Certificate L2367
 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)