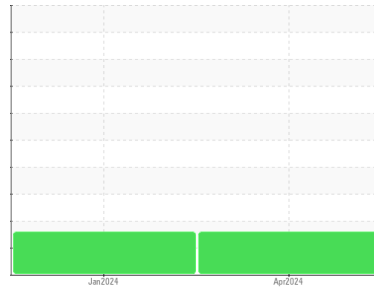


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
LITTLE KICE
 Component
South Blower
 Fluid
HYDROTEX Ultra-Kleen ISO 220 (1 GAL)

DIAGNOSIS

- Recommendation**
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- Wear**
 All component wear rates are normal.
- Contamination**
 Elemental level of silicon (Si) above normal.
- 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		PCA0123872	PCA0110387	---
Sample Date	Client Info		04 Apr 2024	08 Jan 2024	---
Machine Age	yrs	Client Info	0	1	---
Oil Age	yrs	Client Info	0	1	---
Oil Changed	Client Info		Not Changed	Not Changed	---
Sample Status			ABNORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		24	34	---
Iron	ppm	ASTM D5185m >20	13	17	---
Chromium	ppm	ASTM D5185m >20	<1	0	---
Nickel	ppm	ASTM D5185m >20	<1	<1	---
Titanium	ppm	ASTM D5185m	<1	<1	---
Silver	ppm	ASTM D5185m	<1	0	---
Aluminum	ppm	ASTM D5185m >20	1	<1	---
Lead	ppm	ASTM D5185m >20	1	<1	---
Copper	ppm	ASTM D5185m >20	4	3	---
Tin	ppm	ASTM D5185m >20	1	<1	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	1	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<1	3	---
Barium	ppm	ASTM D5185m	<1	0	---
Molybdenum	ppm	ASTM D5185m	<1	0	---
Manganese	ppm	ASTM D5185m	1	<1	---
Magnesium	ppm	ASTM D5185m	31	39	---
Calcium	ppm	ASTM D5185m	28	29	---
Phosphorus	ppm	ASTM D5185m	277	276	---
Zinc	ppm	ASTM D5185m	209	237	---
Sulfur	ppm	ASTM D5185m	3903	3803	---

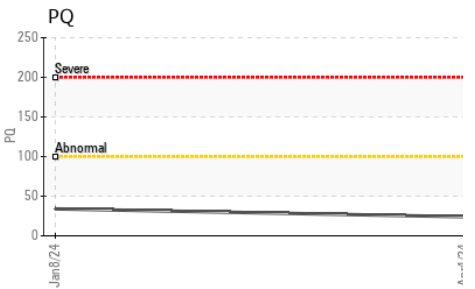
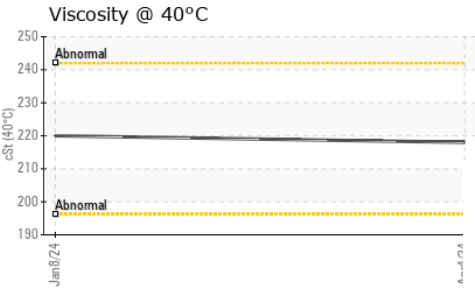
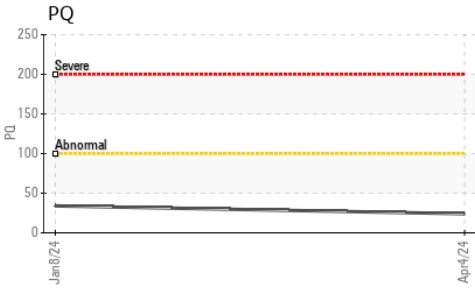
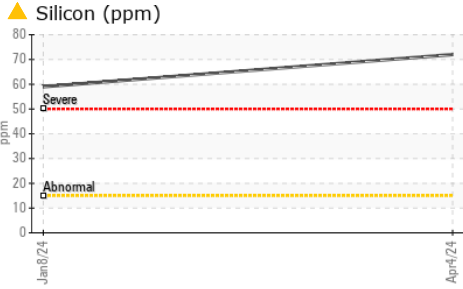
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	▲ 72	▲ 59	---
Sodium	ppm	ASTM D5185m	1	3	---
Potassium	ppm	ASTM D5185m >20	2	2	---
Water	%	ASTM D6304	NEG	NEG	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.34	0.32	---

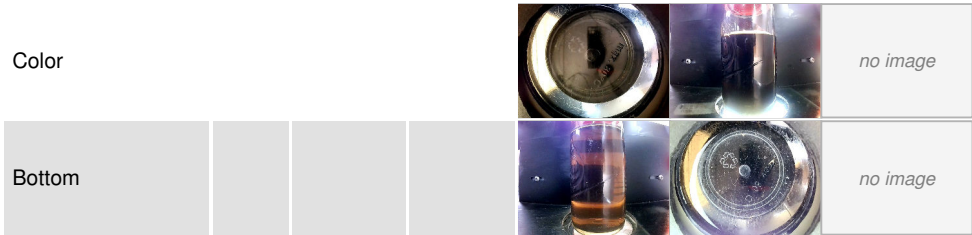
OIL ANALYSIS REPORT



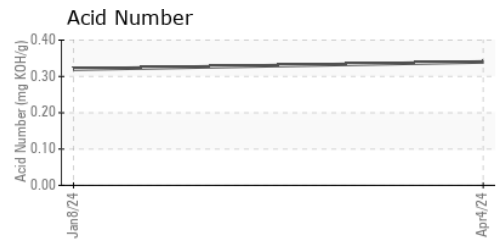
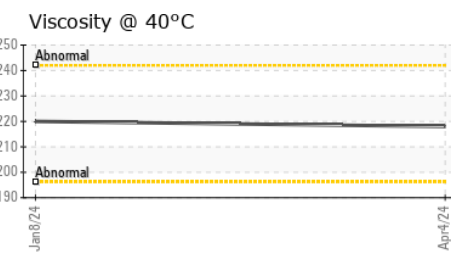
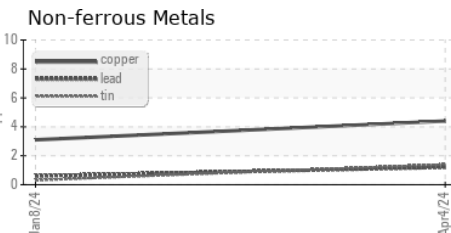
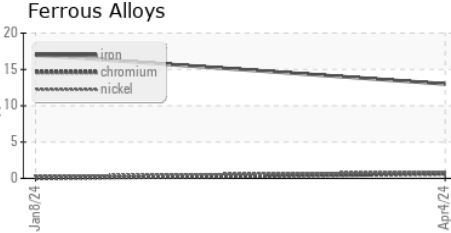
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	218	220	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0123872
Lab Number : 06146003
Unique Number : 10976081
Test Package : PLANT

Arden Mills-Newton
 300 E BROADWAY
 NEWTON, KS
 US 67114

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)

Contact: STEVEN GRABENDIKE
 steven.grabendike@ardentmills.com

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F: