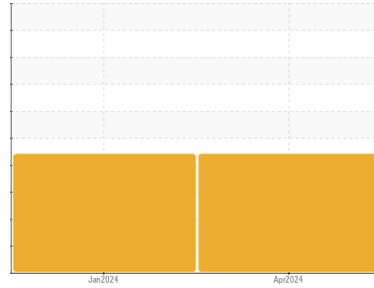


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
LITTLE KICE
 Component
North 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

The iron level is abnormal. The high ferrous density (PQ) index indicates that abnormal wear is occurring.

▲ 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		PCA0123871	PCA0110388	---
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	N/A	---
Sample Status			ABNORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		▲ 50	▲ 61	---
Iron	ppm	ASTM D5185m >20	▲ 52	▲ 49	---
Chromium	ppm	ASTM D5185m >20	1	<1	---
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	3	5	---
Barium	ppm	ASTM D5185m	1	<1	---
Molybdenum	ppm	ASTM D5185m	<1	0	---
Manganese	ppm	ASTM D5185m	1	<1	---
Magnesium	ppm	ASTM D5185m	46	55	---
Calcium	ppm	ASTM D5185m	42	43	---
Phosphorus	ppm	ASTM D5185m	260	278	---
Zinc	ppm	ASTM D5185m	212	241	---
Sulfur	ppm	ASTM D5185m	3766	3883	---

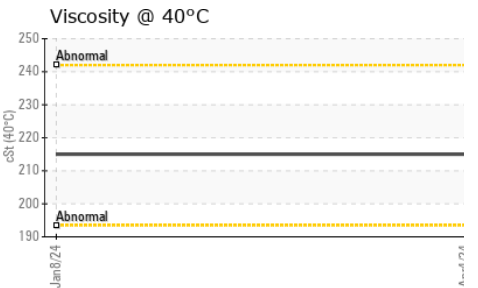
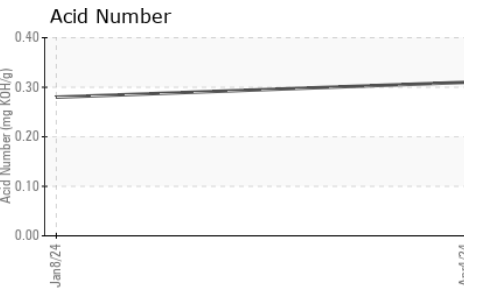
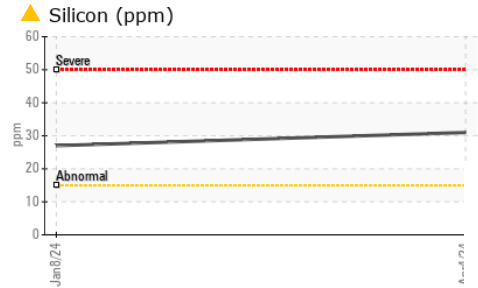
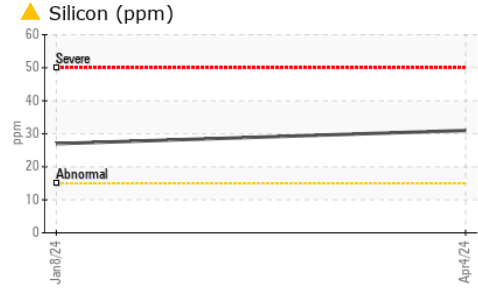
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	▲ 31	▲ 27	---
Sodium	ppm	ASTM D5185m	3	4	---
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	0.31	0.28	---

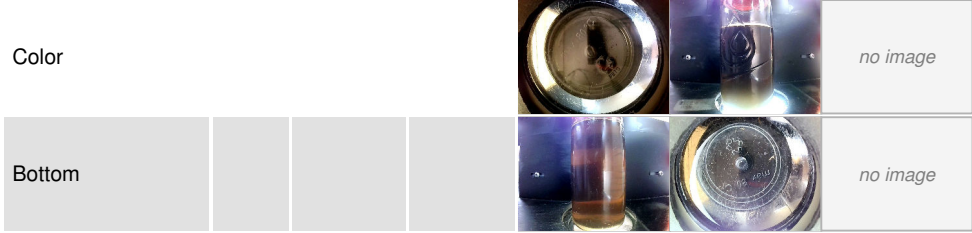
OIL ANALYSIS REPORT



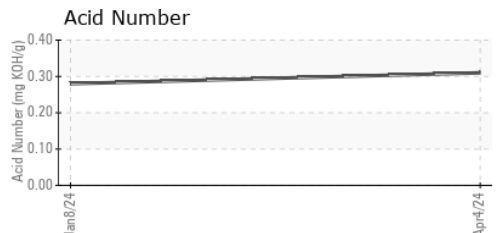
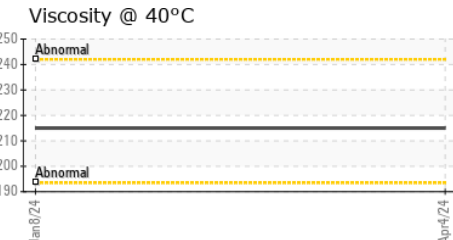
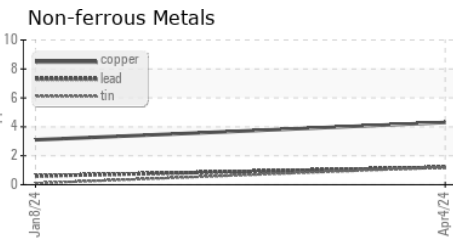
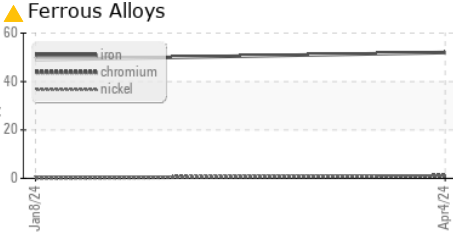
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*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	215	215	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0123871
Lab Number : **06146004**
Unique Number : 10976082
Test Package : PLANT

Received : 11 Apr 2024
Tested : 15 Apr 2024
Diagnosed : 15 Apr 2024 - Don Baldrige

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

Contact: STEVEN GRABENDIKE
 steven.grabendike@ardentmills.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)