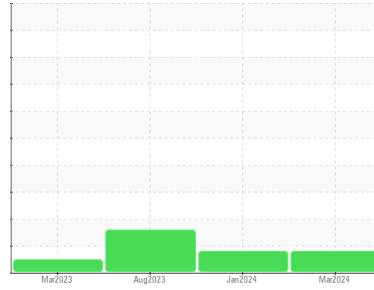




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
PRESS 2 (S/N 420-280)

Component
Southwest Roller Bearing

Fluid
ROYAL PURPLE THERMYL-GLYDE 1500 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

▲ Wear

The iron level is abnormal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

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		WC0892364	RP0008381	WC0432459
Sample Date	Client Info		25 Mar 2024	11 Jan 2024	01 Aug 2023
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	▲ 90	▲ 76	▲ 119
Chromium	ppm	ASTM D5185m >20	1	<1	12
Nickel	ppm	ASTM D5185m >20	2	1	▲ 30
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >20	6	4	8
Lead	ppm	ASTM D5185m >20	0	0	0
Copper	ppm	ASTM D5185m >20	0	0	5
Tin	ppm	ASTM D5185m >20	0	0	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<1	0	0
Barium	ppm	ASTM D5185m	0	0	2
Molybdenum	ppm	ASTM D5185m	0	0	<1
Manganese	ppm	ASTM D5185m	<1	<1	2
Magnesium	ppm	ASTM D5185m	10	0	2
Calcium	ppm	ASTM D5185m	38	33	28
Phosphorus	ppm	ASTM D5185m	417	377	106
Zinc	ppm	ASTM D5185m	43	24	89
Sulfur	ppm	ASTM D5185m	17772	19938	25075

CONTAMINANTS

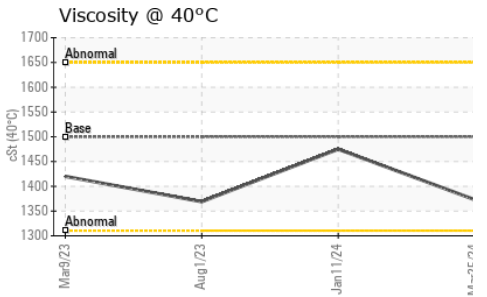
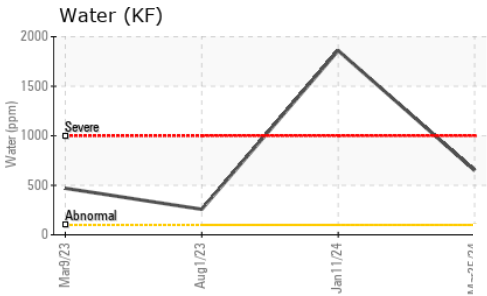
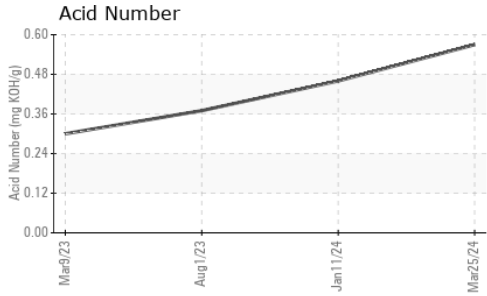
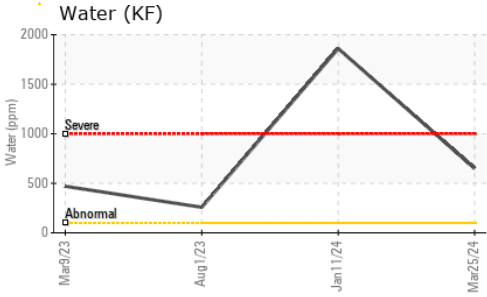
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	9	8	12
Sodium	ppm	ASTM D5185m	20	18	45
Potassium	ppm	ASTM D5185m >20	2	0	3
Water	%	ASTM D6304 >2	0.065	0.186	0.025
ppm Water	ppm	ASTM D6304	650	1860	257.6

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.46	0.37



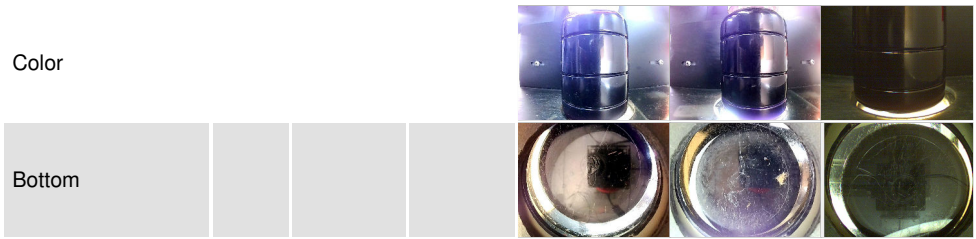
OIL ANALYSIS REPORT



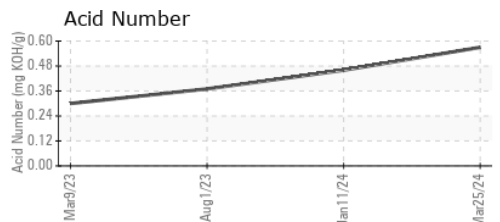
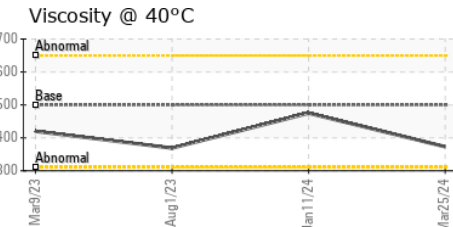
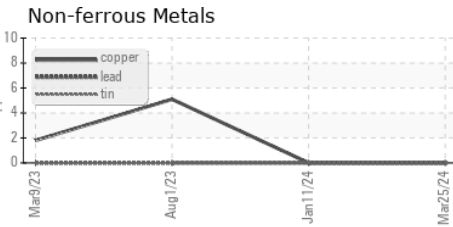
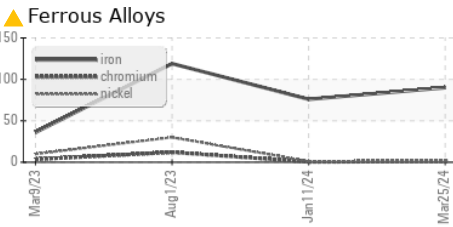
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>2	0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 1500	1373	1475	1369

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0892364 **Received** : 27 Mar 2024
Lab Number : **06130737** **Tested** : 28 Mar 2024
Unique Number : 10950202 **Diagnosed** : 30 Mar 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

INTERNATIONAL PAPER
 1785 Weyerhaeuser Road
 VANCEBORO, NC
 US 28586

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: DOUG WEIR
 Doug.Weir@paper.com;jon.fazenbaker@wearcheck.com

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: (252)633-7350

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (252)633-7761