

PROBLEM SUMMARY

Sample Rating Trend

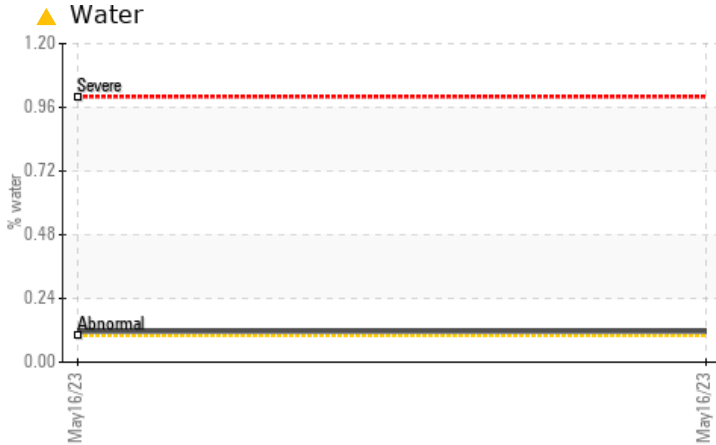
WATER



Area
{UNASSIGNED}
Machine Id
NOV-30P-303B (S/N 002)
Component
Pump
Fluid
NOT GIVEN (--- GAL)



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				MARGINAL	---	---
Water	%	ASTM D6304		▲ 0.116	---	---
ppm Water	ppm	ASTM D6304	>.1	▲ 1169.0	---	---

Customer Id: TEABOG
Sample No.: RP0035304
Lab Number: 05852465
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Angela Borella +1 800-237-1369
angela.borella@wearcheckusa.com

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Check Water Access	MISSED	Jul 11 2023	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area
{UNASSIGNED}
 Machine Id
NOV-30P-303B (S/N 002)
 Component
Pump
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation
 We advise that you check for the source of water entry. Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 There is a trace of moisture 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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	RP0035304	---	---
Sample Date	Client Info	16 May 2023	---	---
Machine Age	hrs Client Info	17524	---	---
Oil Age	hrs Client Info	17524	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		MARGINAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>90	17	---	---
Chromium ppm ASTM D5185m	>5	<1	---	---
Nickel ppm ASTM D5185m	>5	<1	---	---
Titanium ppm ASTM D5185m	>3	0	---	---
Silver ppm ASTM D5185m	>3	0	---	---
Aluminum ppm ASTM D5185m	>7	2	---	---
Lead ppm ASTM D5185m	>12	0	---	---
Copper ppm ASTM D5185m	>30	12	---	---
Tin ppm ASTM D5185m	>9	1	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		0	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		0	---	---
Manganese ppm ASTM D5185m		<1	---	---
Magnesium ppm ASTM D5185m		38	---	---
Calcium ppm ASTM D5185m		6	---	---
Phosphorus ppm ASTM D5185m		30	---	---
Zinc ppm ASTM D5185m		1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>60	2	---	---
Sodium ppm ASTM D5185m		38	---	---
Potassium ppm ASTM D5185m	>20	2	---	---
Water % ASTM D6304		▲ 0.116	---	---
ppm Water ppm ASTM D6304	>.1	▲ 1169.0	---	---

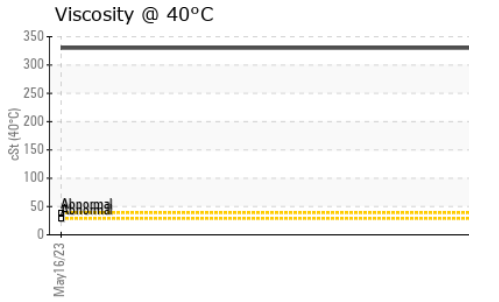
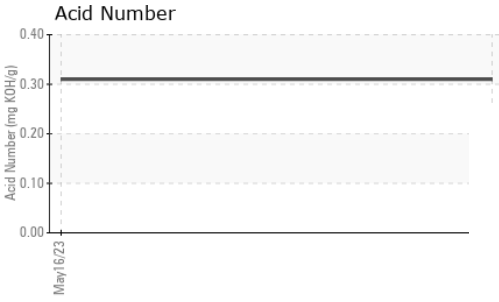
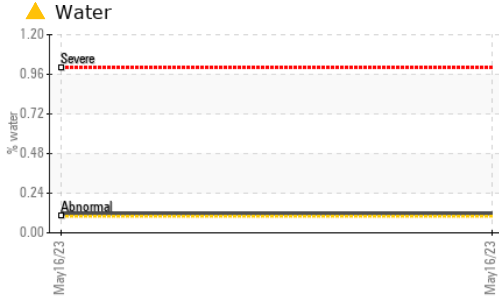
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.31	---	---


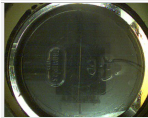
VISUAL

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	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
Appearance scalar *Visual	NORML	NORML	---	---
Odor scalar *Visual	NORML	NORML	---	---
Emulsified Water scalar *Visual		NEG	---	---
Free Water scalar *Visual		NEG	---	---

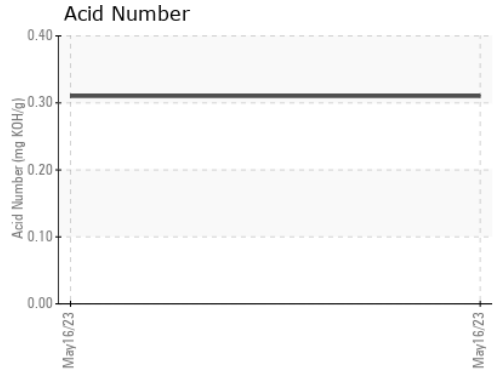
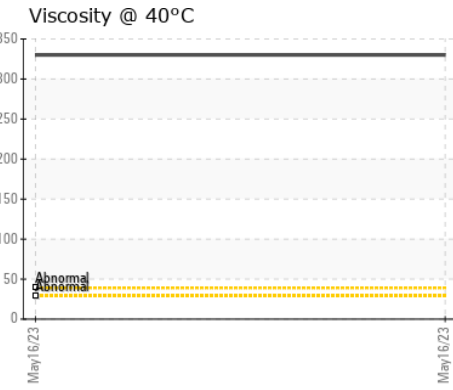
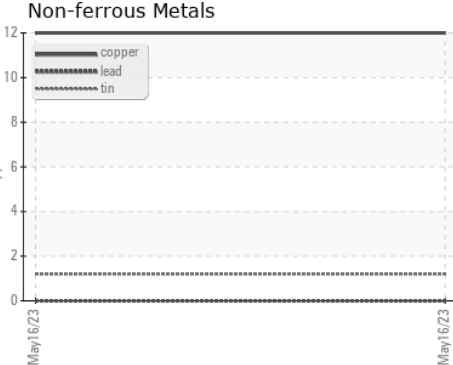
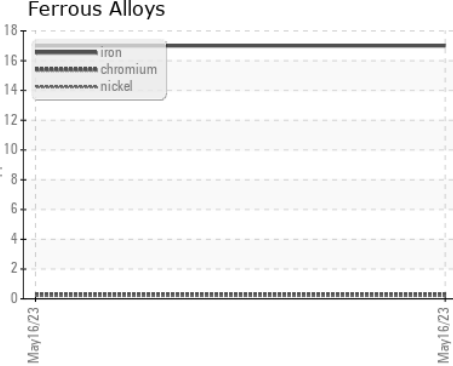
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	330	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0035304 **Received** : 19 May 2023
Lab Number : 05852465 **Diagnosed** : 23 May 2023
Unique Number : 10481820 **Diagnostician** : Angela Borella
Test Package : IND 2

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 CO
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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)