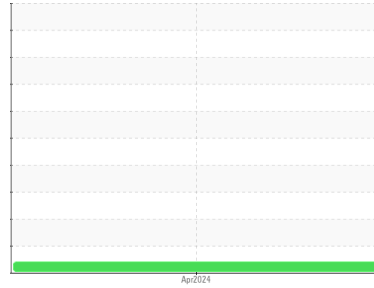




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id

3035

Component

Hydraulic System

Fluid

AW HYDRAULIC OIL ISO 68 (--- GAL)

DIAGNOSIS

● Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

● Fluid Condition

Viscosity of sample indicates oil is within ISO 46 range, advise investigate. Confirm oil type.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0931860	---	---
Sample Date	Client Info		10 Apr 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ATTENTION	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.05	NEG	---	---

WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	<1	---	---
Chromium	ppm	ASTM D5185m >20	<1	---	---
Nickel	ppm	ASTM D5185m >20	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >20	1	---	---
Lead	ppm	ASTM D5185m >20	0	---	---
Copper	ppm	ASTM D5185m >20	4	---	---
Tin	ppm	ASTM D5185m >20	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

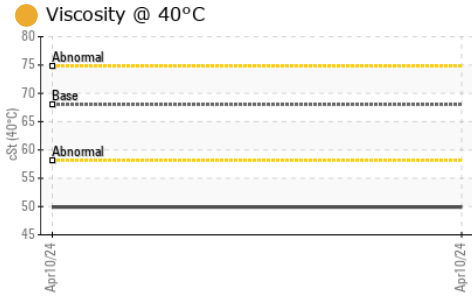
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 5	1	---	---
Barium	ppm	ASTM D5185m 5	0	---	---
Molybdenum	ppm	ASTM D5185m 5	1	---	---
Manganese	ppm	ASTM D5185m	0	---	---
Magnesium	ppm	ASTM D5185m 25	8	---	---
Calcium	ppm	ASTM D5185m 200	67	---	---
Phosphorus	ppm	ASTM D5185m 300	329	---	---
Zinc	ppm	ASTM D5185m 370	397	---	---
Sulfur	ppm	ASTM D5185m 2500	1618	---	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	3	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	1	---	---

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	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.05	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---



OIL ANALYSIS REPORT



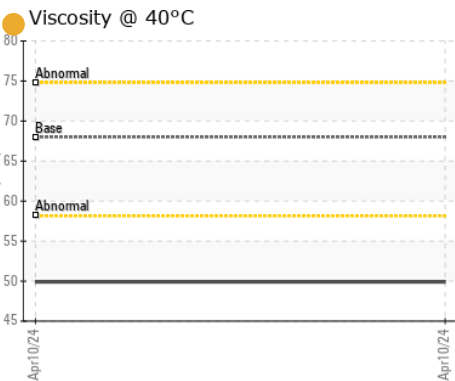
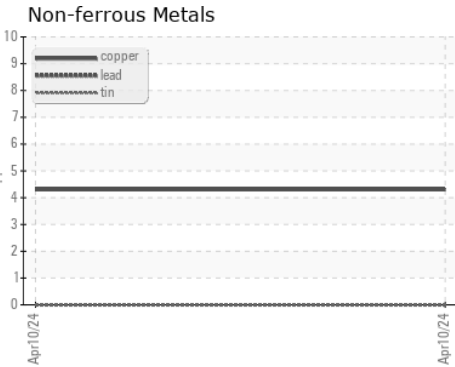
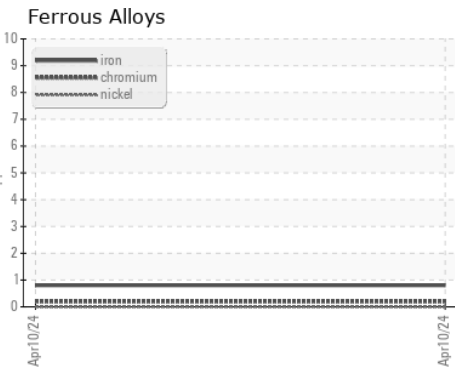
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	68	49.9	---	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0931860 **Received** : 16 Apr 2024
Lab Number : 06151403 **Tested** : 18 Apr 2024
Unique Number : 10981481 **Diagnosed** : 19 Apr 2024 - Don Baldrige
Test Package : IND 1

MAR-BAL
 5400 RESERVE WAY
 DUBLIN, VA
 US 24084-3509
 Contact: TIM WOODS
 timw@mar-bal.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)

T:
F: