



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**ACCO-WRIGHT C0004**  
 Component  
**Hoisting Gearbox**  
 Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

## WEAR

All component wear rates are normal.

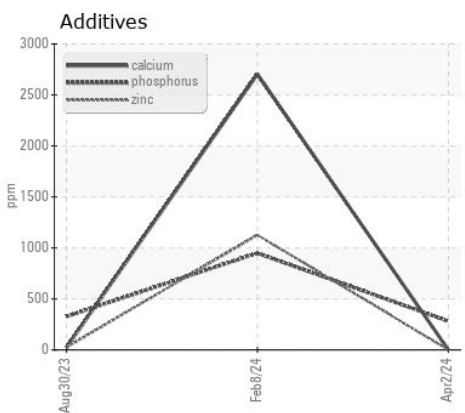
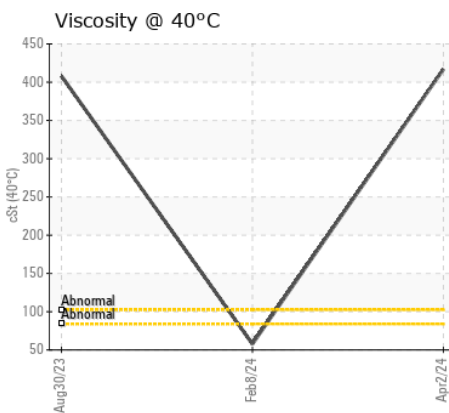
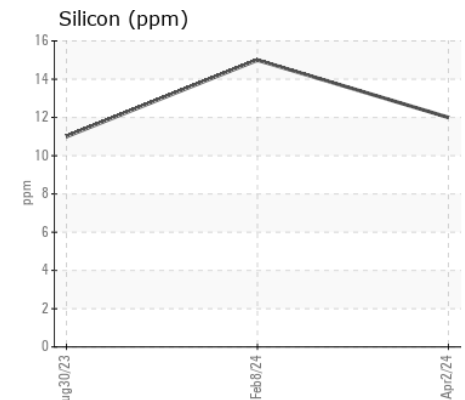
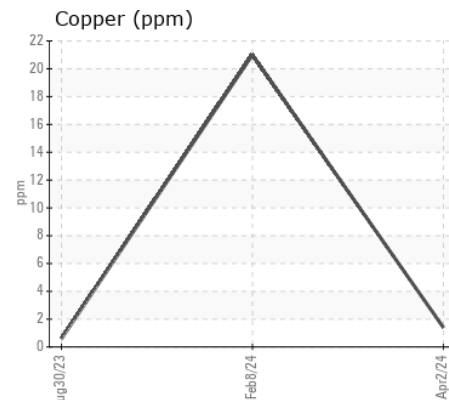
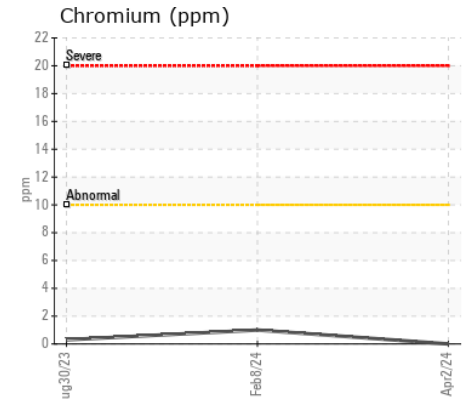
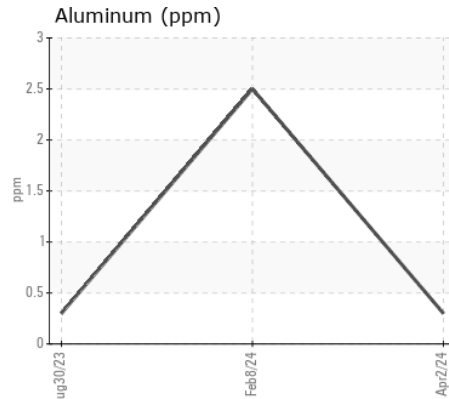
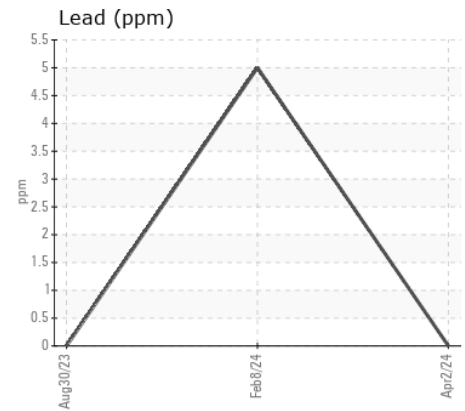
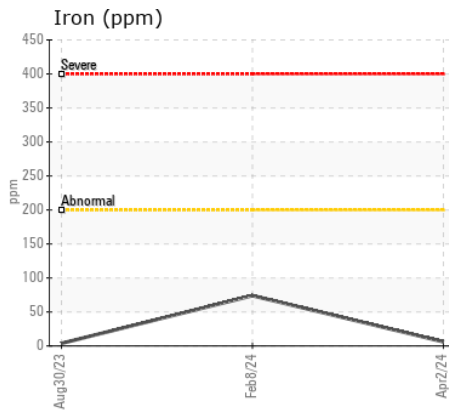
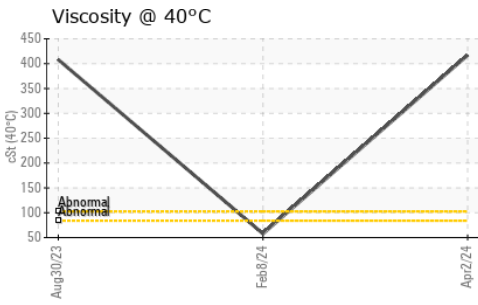
## CONTAMINATION

There is no indication of any contamination in the oil.

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>DC0033210</b>	DC0033183	DC0029158
Sample Date		Client Info		<b>02 Apr 2024</b>	08 Feb 2024	30 Aug 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	N/A
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>200	<b>6</b>	74	4
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m		<b>&lt;1</b>	2	<1
Lead	ppm	ASTM D5185m		<b>0</b>	5	0
Copper	ppm	ASTM D5185m		<b>1</b>	21	<1
Tin	ppm	ASTM D5185m		<b>0</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m		<b>12</b>	15	11
Potassium	ppm	ASTM D5185m	>20	<b>8</b>	5	7
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>3</b>	7	2
Boron	ppm	ASTM D5185m		<b>16</b>	78	11
Barium	ppm	ASTM D5185m		<b>0</b>	9	2
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	5	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	3	<1
Magnesium	ppm	ASTM D5185m		<b>0</b>	36	8
Calcium	ppm	ASTM D5185m		<b>0</b>	2703	24
Phosphorus	ppm	ASTM D5185m		<b>282</b>	949	327
Zinc	ppm	ASTM D5185m		<b>0</b>	1127	23
Sulfur	ppm	ASTM D5185m		<b>21332</b>	7964	23655
Visc @ 40°C	cSt	ASTM D445		<b>417</b>	57.8	408



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DC0033210  
**Lab Number** : 06176306  
**Unique Number** : 11022359  
**Test Package** : MOB 1

**Received** : 10 May 2024  
**Tested** : 13 May 2024  
**Diagnosed** : 14 May 2024 - Sean Felton

**CRANWORKS INC - MID-ATLANTIC**  
 11089 LEADBETTER ROAD  
 ASHLAND, VA  
 US 23005  
 Contact: JASON WILDE  
 jcwilde@vacraneworks.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)

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F: