



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**CFR#41973**  
Machine Id  
**468**  
Component  
**Right Final Drive**  
Fluid  
**DEXRON III (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

## WEAR

All component wear rates are normal.

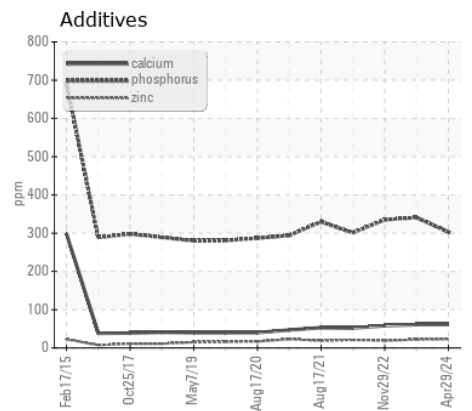
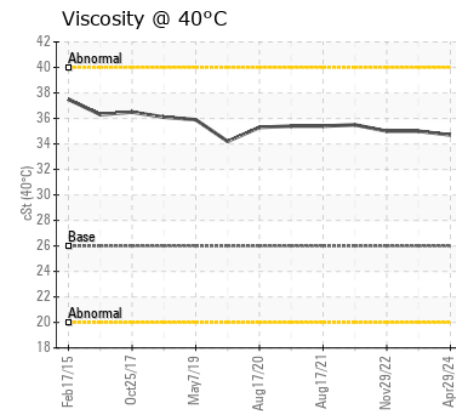
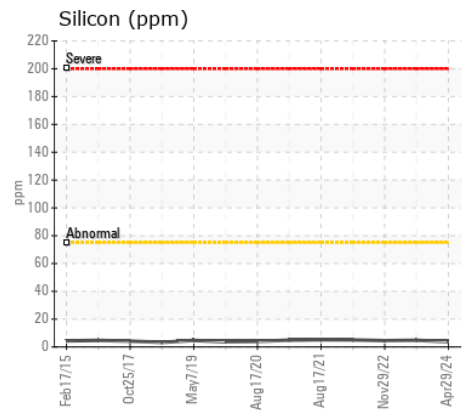
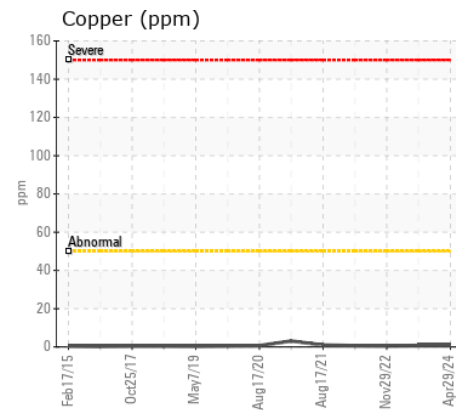
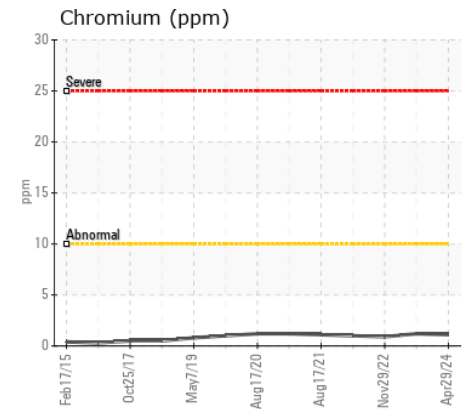
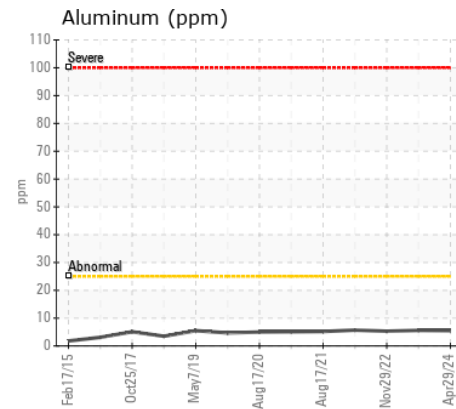
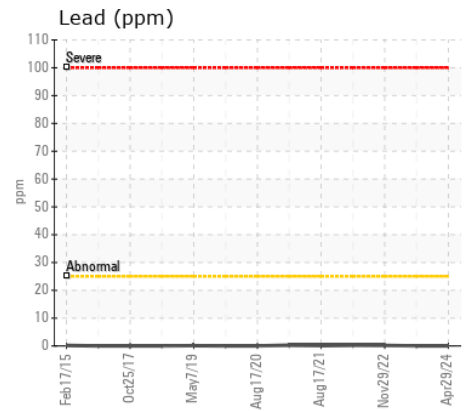
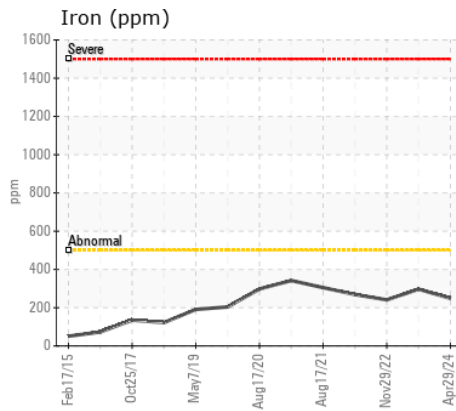
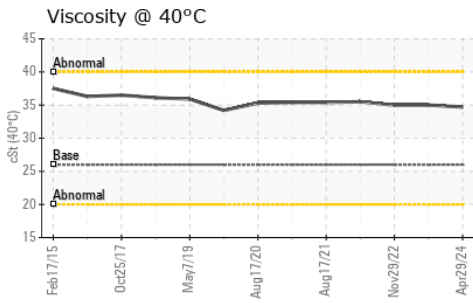
## CONTAMINATION

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>WC0876147</b>	WC877357	WC877214
Sample Date		Client Info		<b>29 Apr 2024</b>	17 Jul 2023	29 Nov 2022
Machine Age	kms	Client Info		<b>7012</b>	7012	0
Oil Age	kms	Client Info		<b>0</b>	0	0
Filter Age	kms	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL
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Iron	ppm	ASTM D5185(m)	>500	<b>249</b>	297	241
Chromium	ppm	ASTM D5185(m)	>10	<b>1</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>2</b>	2	2
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>6</b>	6	5
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	<1
Copper	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
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Silicon	ppm	ASTM D5185(m)	>75	<b>4</b>	5	4
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>VLITE</b>	VLITE	VLITE
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
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Sodium	ppm	ASTM D5185(m)		<b>1</b>	2	2
Boron	ppm	ASTM D5185(m)		<b>143</b>	139	140
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>2</b>	2	2
Magnesium	ppm	ASTM D5185(m)		<b>1</b>	1	<1
Calcium	ppm	ASTM D5185(m)		<b>61</b>	61	58
Phosphorus	ppm	ASTM D5185(m)		<b>303</b>	341	335
Zinc	ppm	ASTM D5185(m)		<b>23</b>	22	19
Sulfur	ppm	ASTM D5185(m)		<b>561</b>	959	568
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	<b>34.7</b>	35.0	35.0



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0876147  
**Lab Number** : 02643255  
**Unique Number** : 5800794  
**Test Package** : MOB 1

**Received** : 20 Jun 2024  
**Tested** : 20 Jun 2024  
**Diagnosed** : 20 Jun 2024 - Kevin Marson

**DEPARTMENT OF NATIONAL DEFENSE**  
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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.