



# OIL ANALYSIS REPORT

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

Machine Id  
**5410008839-02H20**  
 Component  
**Transmission (Auto)**  
 Fluid  
**MOBIL DELVAC SYNTHETIC ATF (--- GAL)**

## RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.  
 Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

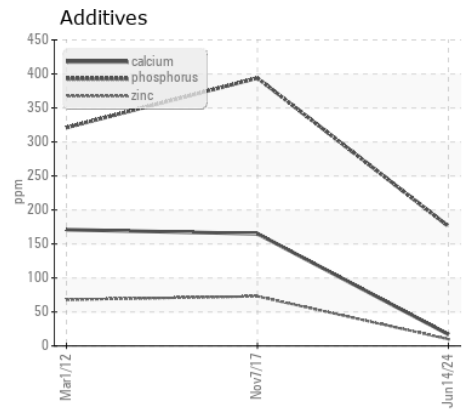
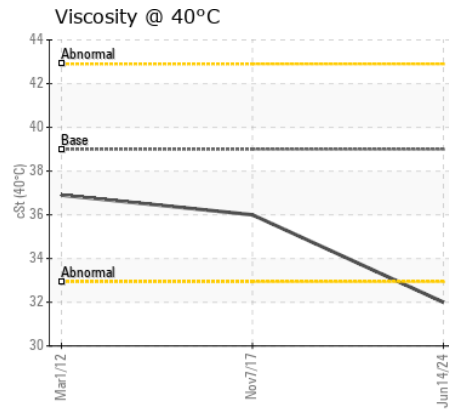
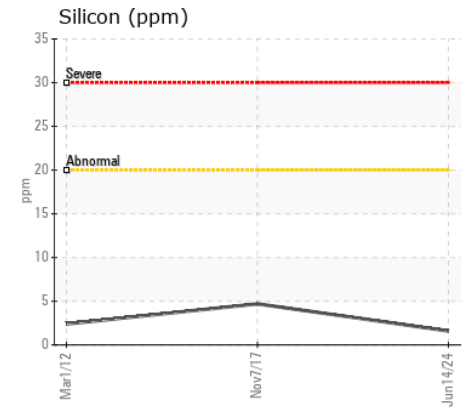
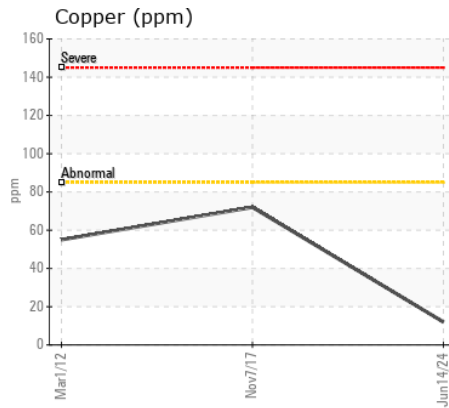
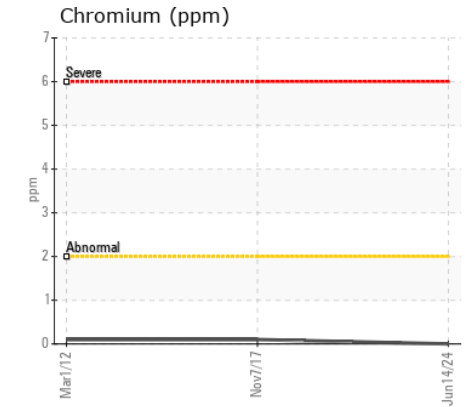
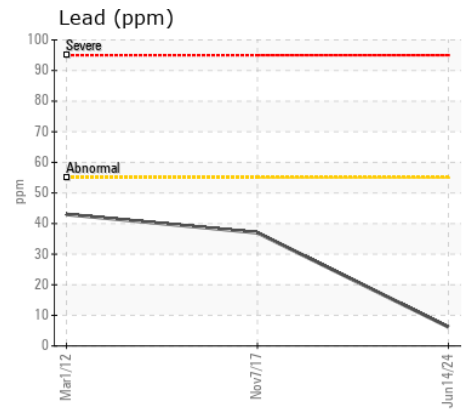
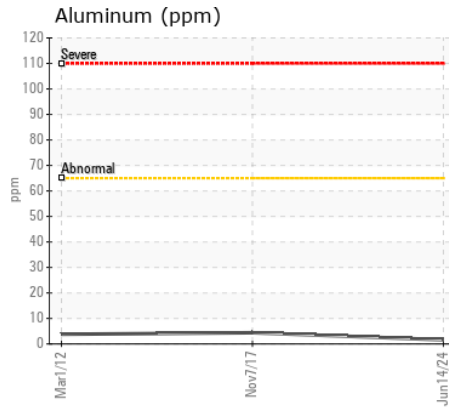
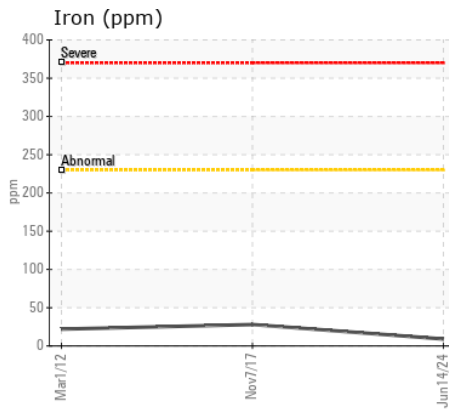
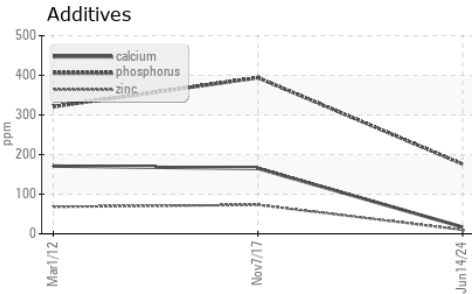
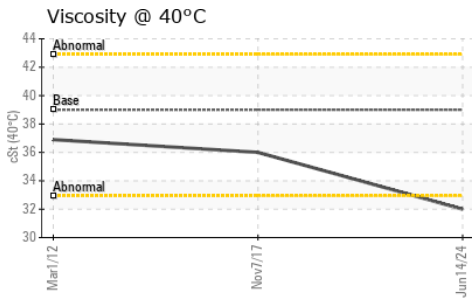
## CONTAMINATION

There is no indication of any contamination in the fluid.

## FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of fluid.  
 The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC877041</b>	WC875397	WC380895
Sample Date		Client Info		<b>14 Jun 2024</b>	07 Nov 2017	01 Mar 2012
Machine Age	kms	Client Info		<b>1456</b>	0	3271
Oil Age	kms	Client Info		<b>627</b>	0	0
Filter Age	kms	Client Info		<b>627</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL
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Iron	ppm	ASTM D5185(m)	>230	<b>9</b>	28	22
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>65	<b>2</b>	4	4
Lead	ppm	ASTM D5185(m)	>55	<b>6</b>	37	43
Copper	ppm	ASTM D5185(m)	>85	<b>12</b>	72	55
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	1	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
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Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	5	2
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	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*	>0.1	<b>NEG</b>	NEG	NEG
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Sodium	ppm	ASTM D5185(m)		<b>3</b>	5	5
Boron	ppm	ASTM D5185(m)		<b>71</b>	164	123
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>2</b>	3	1
Calcium	ppm	ASTM D5185(m)		<b>17</b>	165	171
Phosphorus	ppm	ASTM D5185(m)		<b>176</b>	394	321
Zinc	ppm	ASTM D5185(m)		<b>10</b>	73	68
Sulfur	ppm	ASTM D5185(m)		<b>697</b>	1035	565
Visc @ 40°C	cSt	ASTM D7279(m)	39	<b>32.0</b>	36.0	36.9



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC877041  
**Lab Number** : 02643227  
**Unique Number** : 5800766  
**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.