



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[24355]

Machine Id

20-98

Component

Transmission (Auto)

Fluid

CASTROL TRANSYND (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0895443	WC0876603	WC0817966
Sample Date		Client Info		15 Apr 2024	23 Nov 2023	07 Jul 2023
Machine Age	kms	Client Info		114664	105150	95900
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>230	92	93	80
Chromium	ppm	ASTM D5185(m)	>2	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>65	54	48	42
Lead	ppm	ASTM D5185(m)	>55	34	34	33
Copper	ppm	ASTM D5185(m)	>85	15	15	14
Tin	ppm	ASTM D5185(m)	>5	4	4	4
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

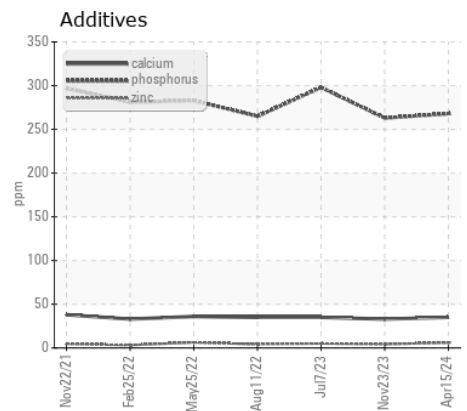
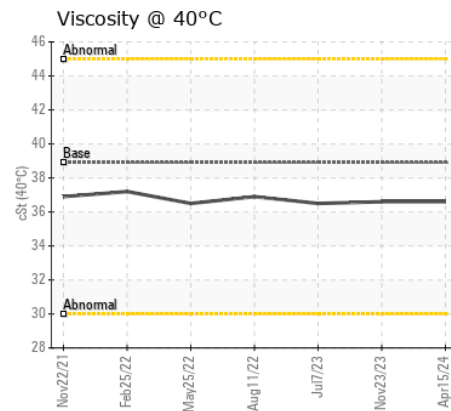
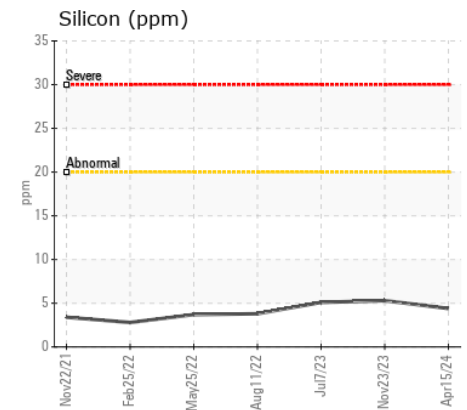
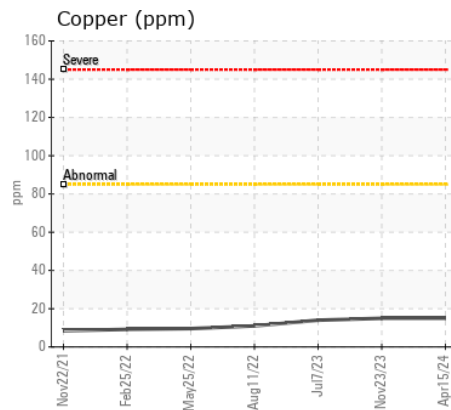
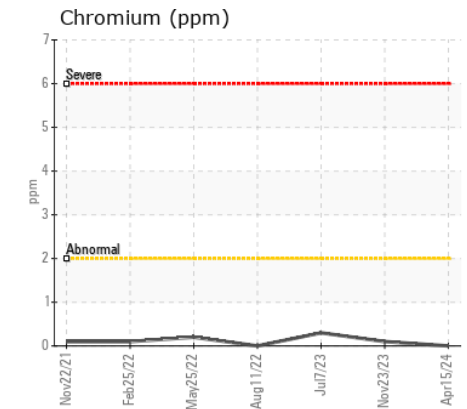
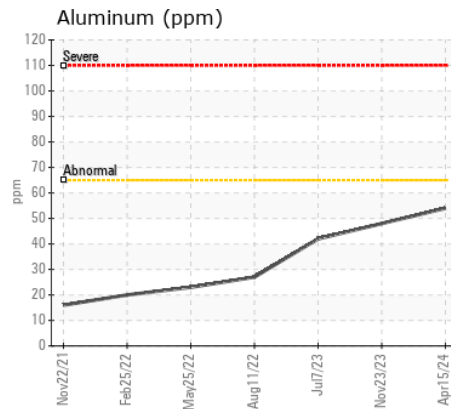
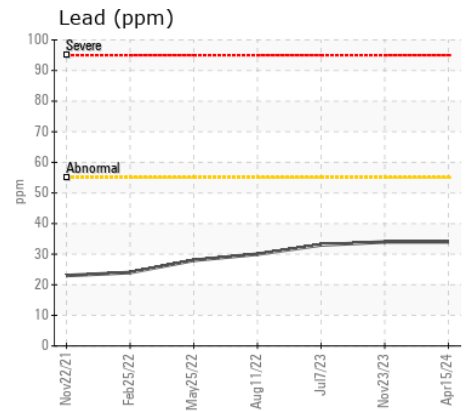
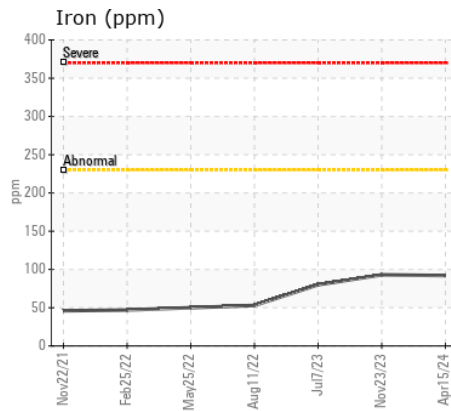
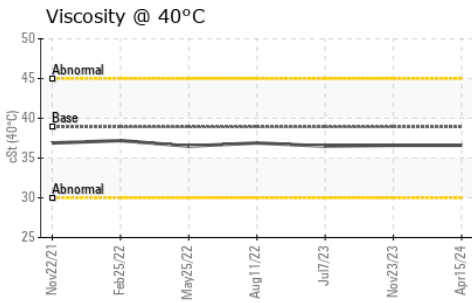
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	4	5	5
Potassium	ppm	ASTM D5185(m)	>20	2	1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		7	5	4
Boron	ppm	ASTM D5185(m)	150	102	101	110
Barium	ppm	ASTM D5185(m)	0	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	0	0	<1
Manganese	ppm	ASTM D5185(m)		1	<1	1
Magnesium	ppm	ASTM D5185(m)	0	2	<1	<1
Calcium	ppm	ASTM D5185(m)	40	35	33	35
Phosphorus	ppm	ASTM D5185(m)	320	268	263	298
Zinc	ppm	ASTM D5185(m)	5	6	4	5
Sulfur	ppm	ASTM D5185(m)	1050	431	352	384
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	36.6	36.6	36.5



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0895443 **Received** : 17 Apr 2024
Lab Number : 02629687 **Tested** : 18 Apr 2024
Unique Number : 5762819 **Diagnosed** : 18 Apr 2024 - Wes Davis
Test Package : MOB 1

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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.