

Machine Id
1593
Component
Transmission (Manual)
Fluid
{not provided} (--- GAL)

RECOMMENDATION

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

WEAR

All component wear rates are normal.

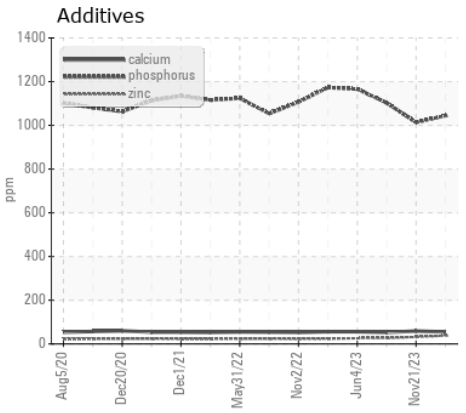
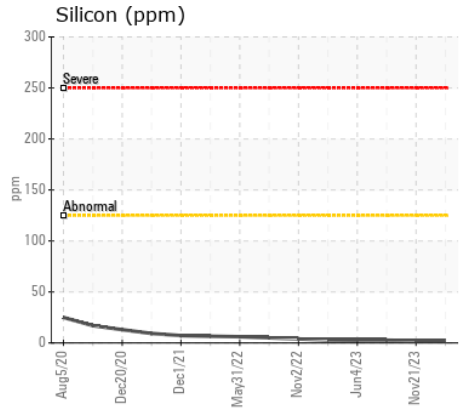
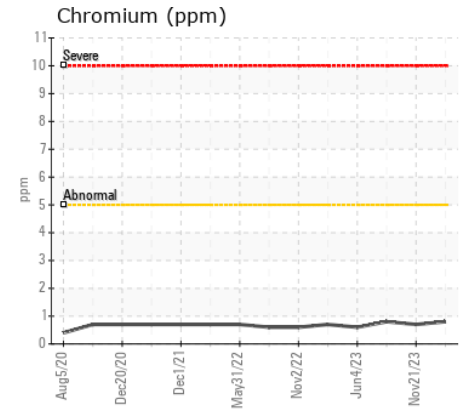
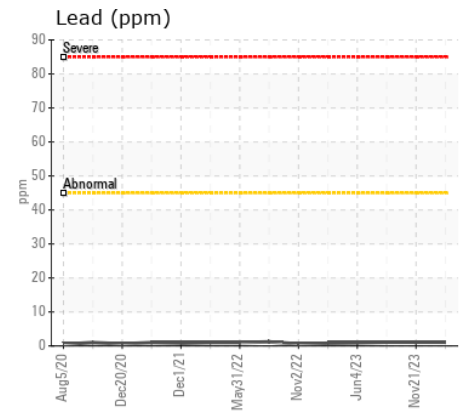
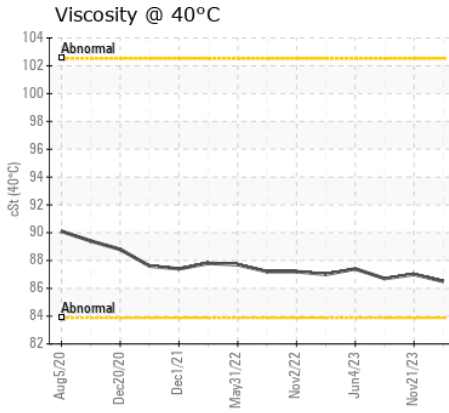
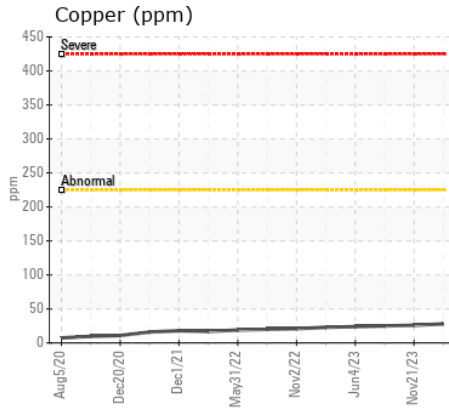
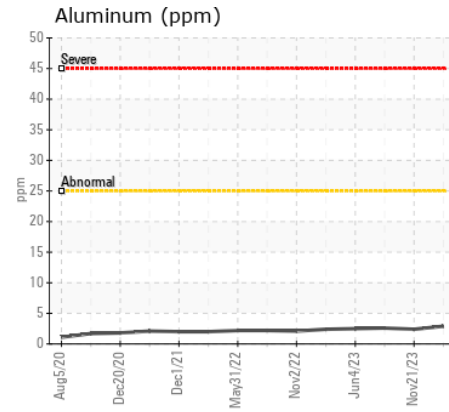
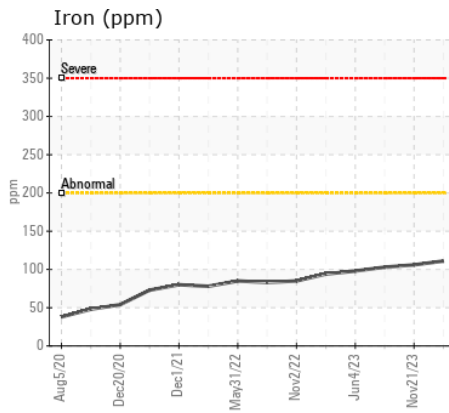
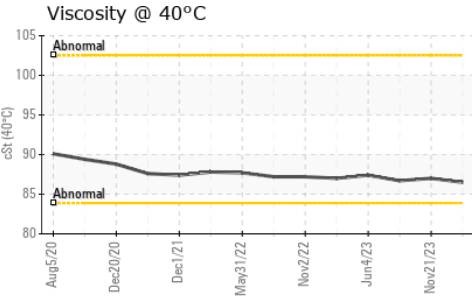
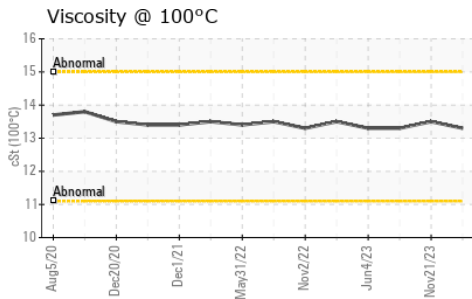
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0084378	PC0082472	PC0078354
Sample Date		Client Info		26 Feb 2024	21 Nov 2023	30 Aug 2023
Machine Age	hrs	Client Info		7755	7265	6670
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	111	106	103
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>7	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	3	2	3
Lead	ppm	ASTM D5185(m)	>45	1	1	1
Copper	ppm	ASTM D5185(m)	>225	28	26	25
Tin	ppm	ASTM D5185(m)	>10	<1	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	2	2	3
Potassium	ppm	ASTM D5185(m)	>20	14	11	13
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	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
Sodium	ppm	ASTM D5185(m)		74	70	73
Boron	ppm	ASTM D5185(m)		220	221	234
Barium	ppm	ASTM D5185(m)		4	4	5
Molybdenum	ppm	ASTM D5185(m)		<1	0	<1
Manganese	ppm	ASTM D5185(m)		14	13	13
Magnesium	ppm	ASTM D5185(m)		8	8	8
Calcium	ppm	ASTM D5185(m)		55	59	53
Phosphorus	ppm	ASTM D5185(m)		1044	1014	1103
Zinc	ppm	ASTM D5185(m)		38	32	27
Sulfur	ppm	ASTM D5185(m)		490	458	476
Visc @ 40°C	cSt	ASTM D7279(m)		86.5	87.0	86.7
Visc @ 100°C	cSt	ASTM D7279(m)		13.3	13.5	13.3
Viscosity Index (VI)	Scale	ASTM D2270*		155	157	154



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084378
Lab Number : 02618428
Unique Number : 5735538
Test Package : MOB 1 (Additional Tests: KV100, VI)
Received : 27 Feb 2024
Tested : 27 Feb 2024
Diagnosed : 27 Feb 2024 - Wes Davis

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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.