



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
1520
 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.

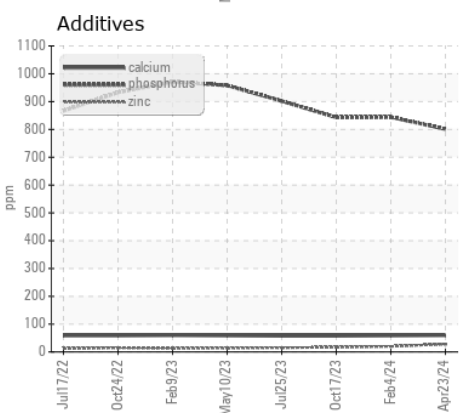
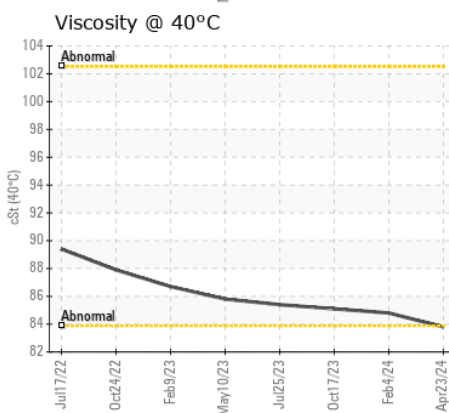
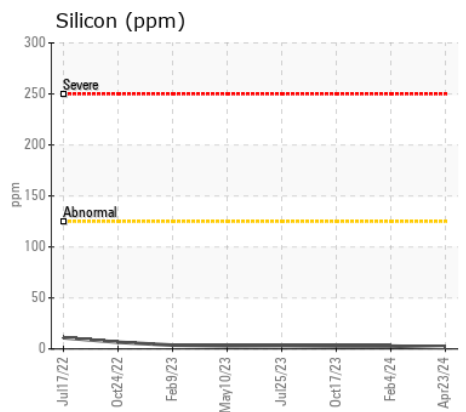
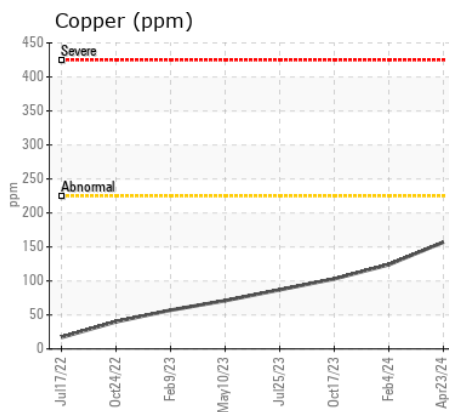
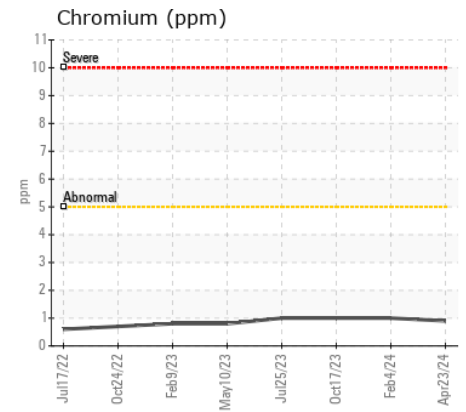
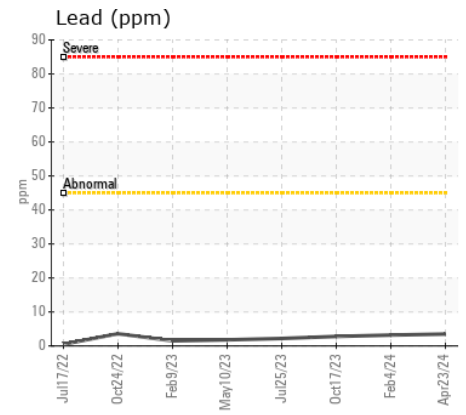
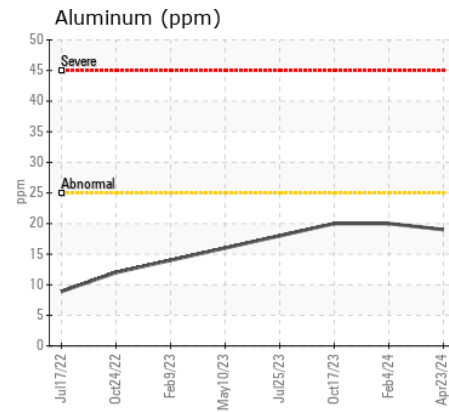
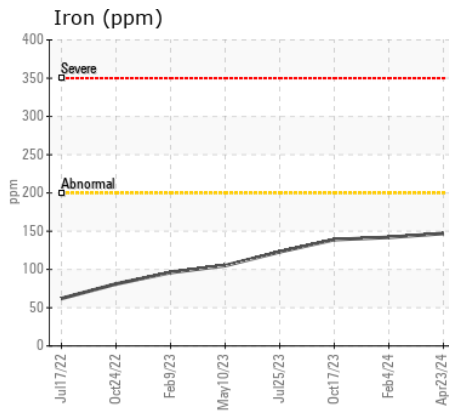
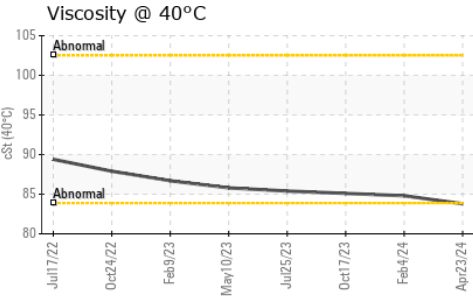
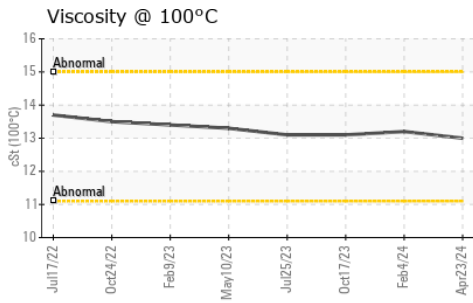
CONTAMINATION

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		PC0083191	PC0083691	PC0082234
Sample Date		Client Info		23 Apr 2024	04 Feb 2024	17 Oct 2023
Machine Age	kms	Client Info		4091	21959	3081
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	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	147	142	139
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	0
Silver	ppm	ASTM D5185(m)	>7	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	19	20	20
Lead	ppm	ASTM D5185(m)	>45	4	3	3
Copper	ppm	ASTM D5185(m)	>225	157	124	103
Tin	ppm	ASTM D5185(m)	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	2	3	3
Potassium	ppm	ASTM D5185(m)	>20	2	2	<1
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)		7	7	7
Boron	ppm	ASTM D5185(m)		195	191	213
Barium	ppm	ASTM D5185(m)		2	2	3
Molybdenum	ppm	ASTM D5185(m)		<1	2	2
Manganese	ppm	ASTM D5185(m)		11	11	10
Magnesium	ppm	ASTM D5185(m)		5	5	5
Calcium	ppm	ASTM D5185(m)		60	59	58
Phosphorus	ppm	ASTM D5185(m)		801	844	843
Zinc	ppm	ASTM D5185(m)		28	20	17
Sulfur	ppm	ASTM D5185(m)		336	359	345
Visc @ 40°C	cSt	ASTM D7279(m)		83.8	84.8	85.1
Visc @ 100°C	cSt	ASTM D7279(m)		13.0	13.2	13.1
Viscosity Index (VI)	Scale	ASTM D2270*		155	156	154



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083191
Lab Number : **02631202**
Unique Number : 5772355
Test Package : MOB 1 (Additional Tests: KV100, VI)
Received : 24 Apr 2024
Tested : 24 Apr 2024
Diagnosed : 24 Apr 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.

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F: