



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
MACK 6153
Component
Transmission (Auto)
Fluid
ALLISON TES 295 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0082999	---	---
Sample Date		Client Info		04 Apr 2024	---	---
Machine Age	hrs	Client Info		10772	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>220	142	---	---
Chromium	ppm	ASTM D5185(m)	>2	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>75	74	---	---
Lead	ppm	ASTM D5185(m)	>95	12	---	---
Copper	ppm	ASTM D5185(m)	>60	22	---	---
Tin	ppm	ASTM D5185(m)	>10	5	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

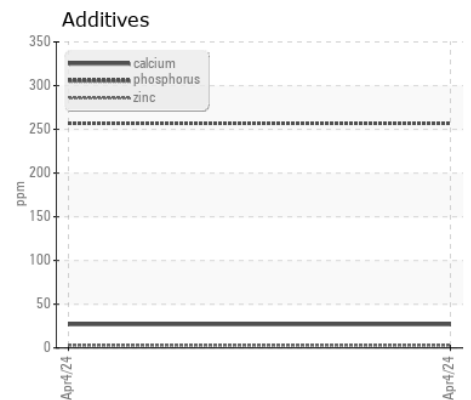
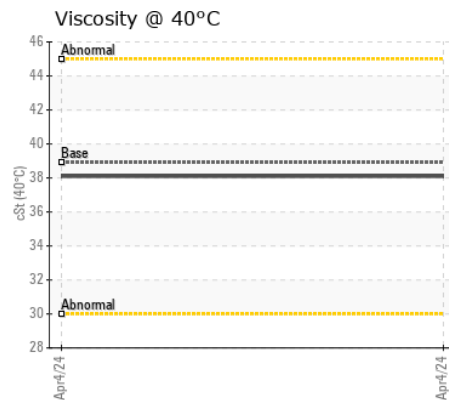
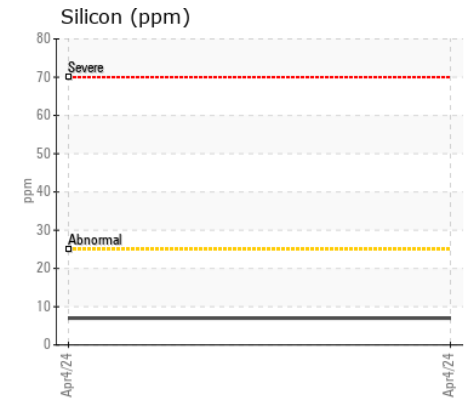
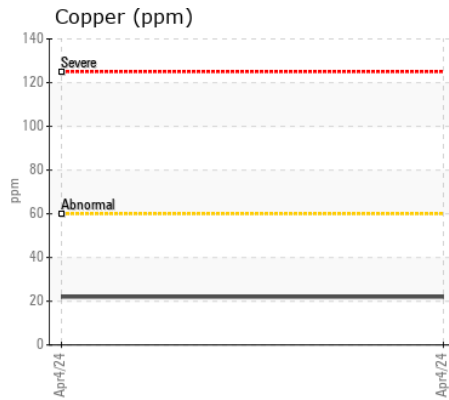
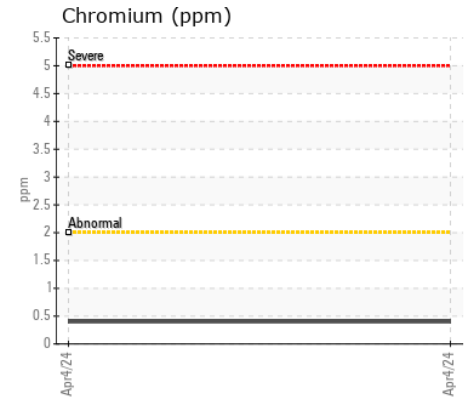
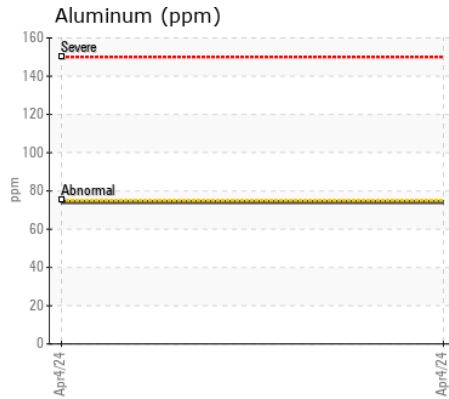
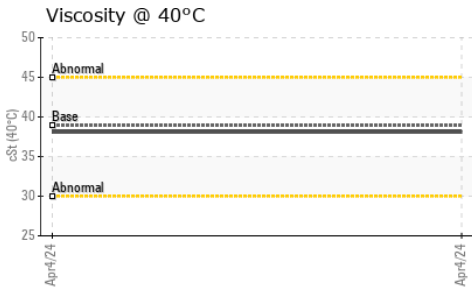
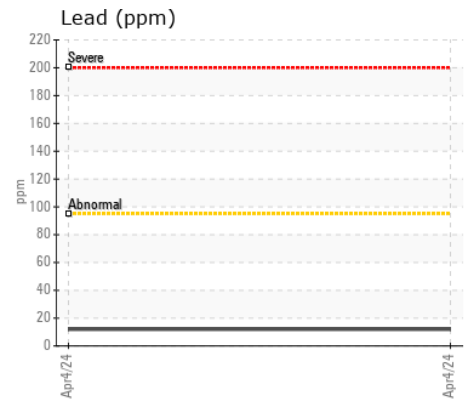
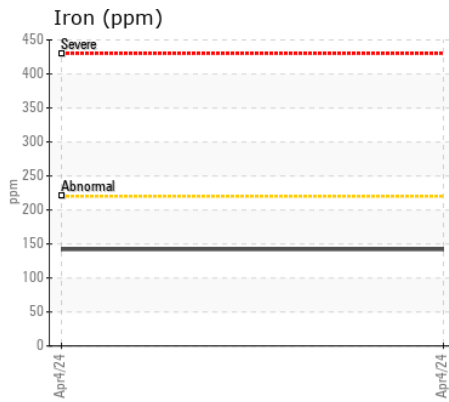
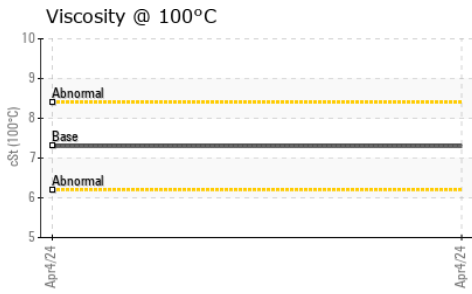
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>25	7	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	VLITE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)	150	104	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)		1	---	---
Magnesium	ppm	ASTM D5185(m)	0	<1	---	---
Calcium	ppm	ASTM D5185(m)	40	27	---	---
Phosphorus	ppm	ASTM D5185(m)	320	257	---	---
Zinc	ppm	ASTM D5185(m)	5	3	---	---
Sulfur	ppm	ASTM D5185(m)	1050	187	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	38.1	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	7.3	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	168	159	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082999 **Received** : 16 Apr 2024
Lab Number : 02629264 **Tested** : 17 Apr 2024
Unique Number : 5762396 **Diagnosed** : 17 Apr 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

Wasteco
 235 Curtis Drive
 Guelph, ON
 CA N1K 1Y3
 Contact: Craig Albers
 calbers@wasteco.com
 T:
 F: (519)836-4531

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.