



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Haul Truck
Machine Id
HT5024
Component
Rear Left Wheel Hub
Fluid
PETRO CANADA TRAXON 85W140 (13 LTR)

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.

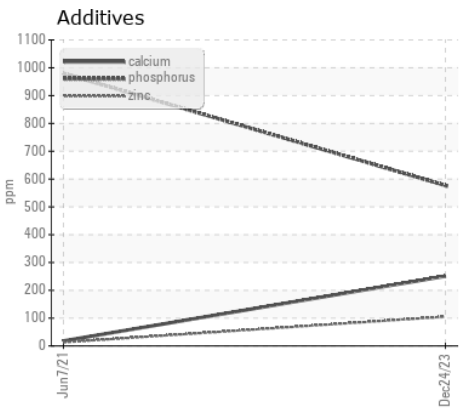
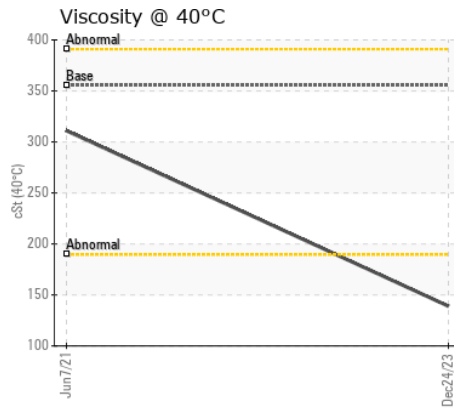
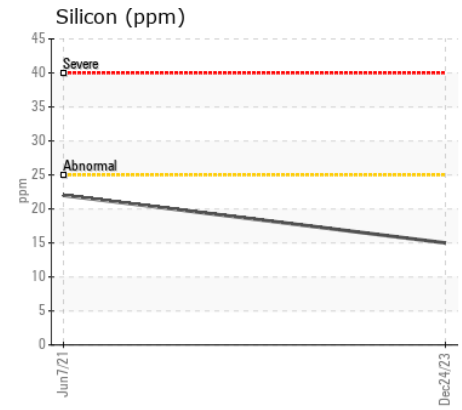
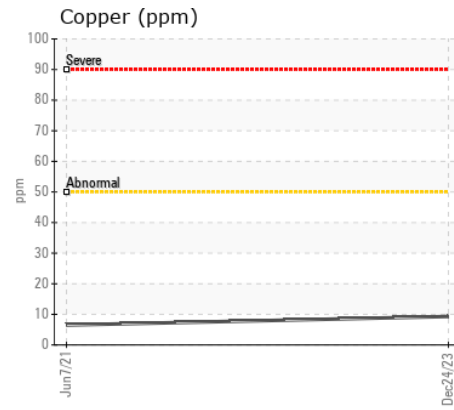
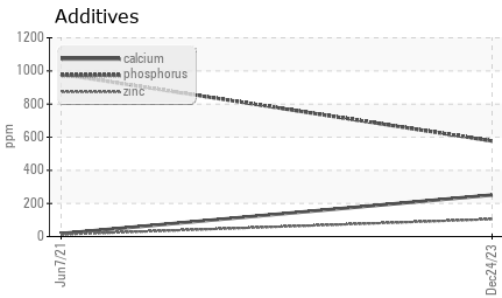
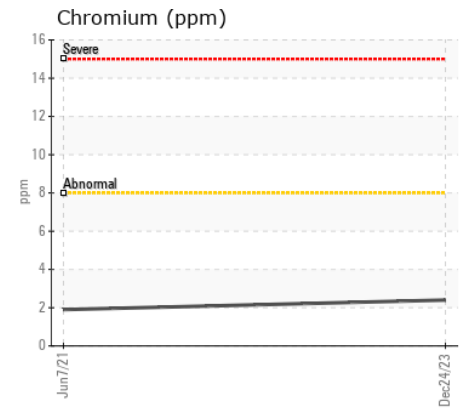
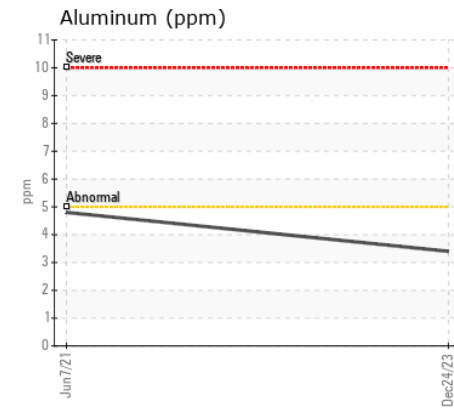
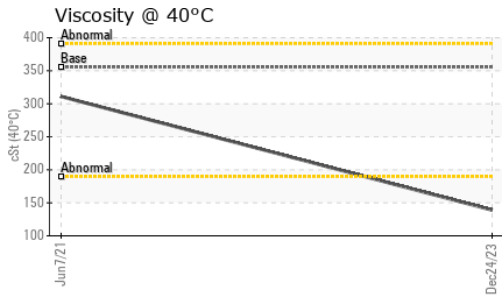
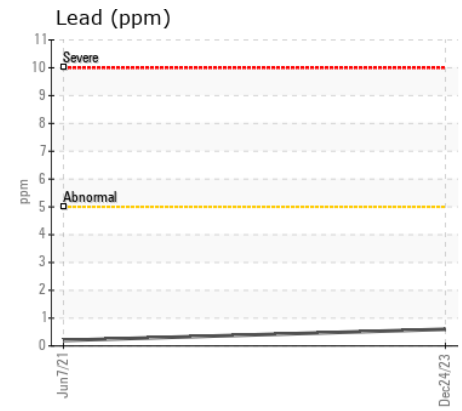
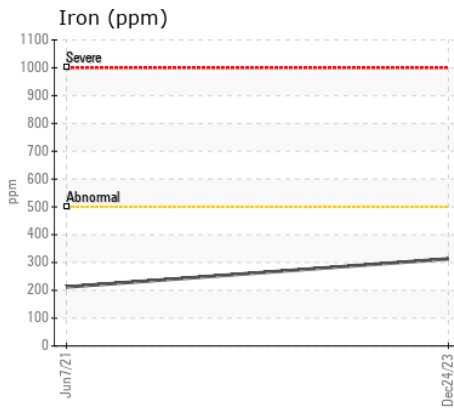
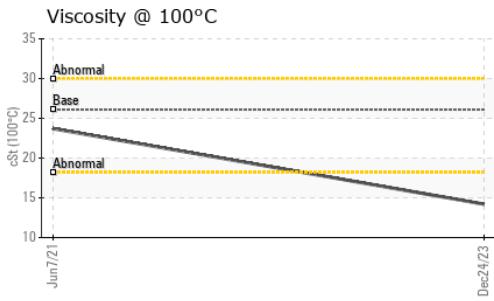
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0074943	PC0047202	---
Sample Date		Client Info		24 Dec 2023	07 Jun 2021	---
Machine Age	hrs	Client Info		9972	0	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185(m)	>500	313	212	---
Chromium	ppm	ASTM D5185(m)	>8	2	2	---
Nickel	ppm	ASTM D5185(m)	>5	2	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)		0	<1	---
Aluminum	ppm	ASTM D5185(m)	>5	3	5	---
Lead	ppm	ASTM D5185(m)	>5	<1	<1	---
Copper	ppm	ASTM D5185(m)	>50	9	6	---
Tin	ppm	ASTM D5185(m)		0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	VLITE	LIGHT	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>25	15	22	---
Potassium	ppm	ASTM D5185(m)	>20	8	17	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	VLITE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		3	6	---
Boron	ppm	ASTM D5185(m)	243	64	222	---
Barium	ppm	ASTM D5185(m)	0	0	6	---
Molybdenum	ppm	ASTM D5185(m)		0	<1	---
Manganese	ppm	ASTM D5185(m)		3	2	---
Magnesium	ppm	ASTM D5185(m)	0	1	<1	---
Calcium	ppm	ASTM D5185(m)	0	251	18	---
Phosphorus	ppm	ASTM D5185(m)	988	577	980	---
Zinc	ppm	ASTM D5185(m)	0	105	13	---
Sulfur	ppm	ASTM D5185(m)	24530	12145	22197	---
Visc @ 40°C	cSt	ASTM D7279(m)	355.4	139	311	---
Visc @ 100°C	cSt	ASTM D7279(m)	26.1	14.2	23.7	---
Viscosity Index (VI)	Scale	ASTM D2270*	97	99	96	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0074943 **Received** : 11 Jan 2024
Lab Number : 02608267 **Diagnosed** : 11 Jan 2024
Unique Number : 5709353 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

Lakeshore Gold Timmins West

Timmins, ON
CA

Contact: Dale Arseneau
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T: (705)269-4344

F:

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.