



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

Tractors

Machine Id

UTL004

Component

Front Differential

Fluid

PETRO CANADA DURATRAN (--- 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.

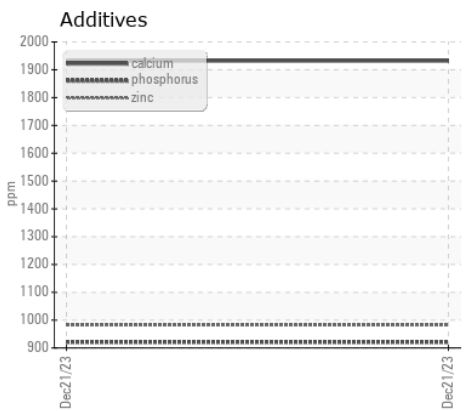
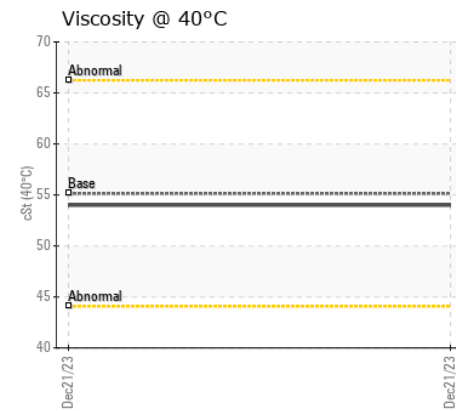
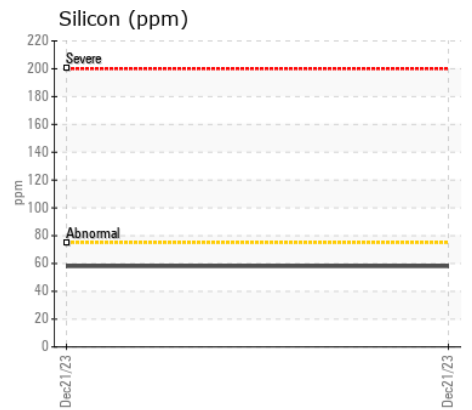
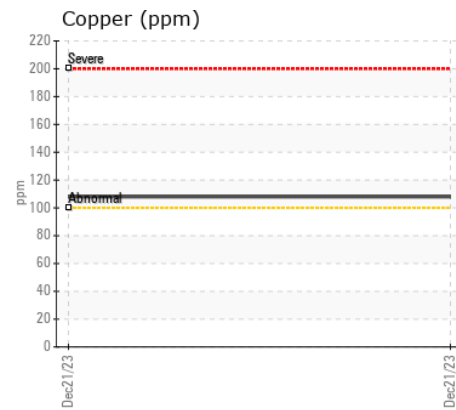
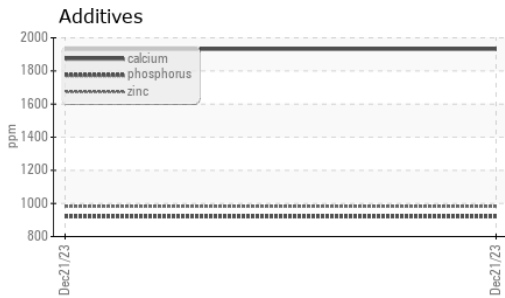
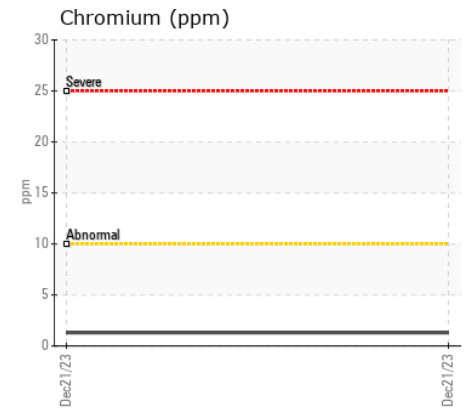
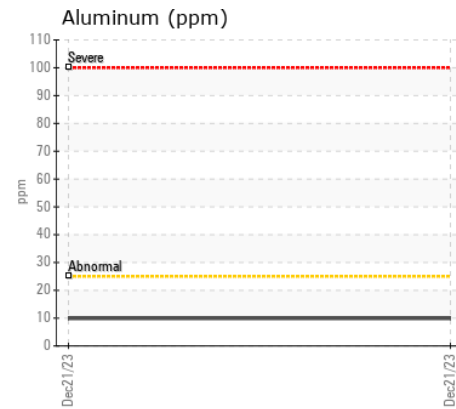
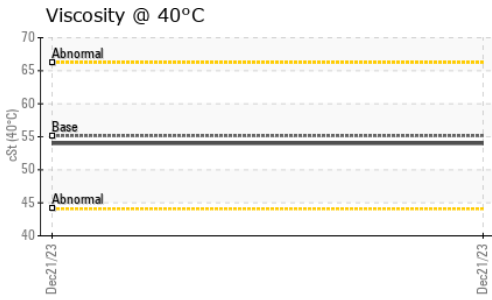
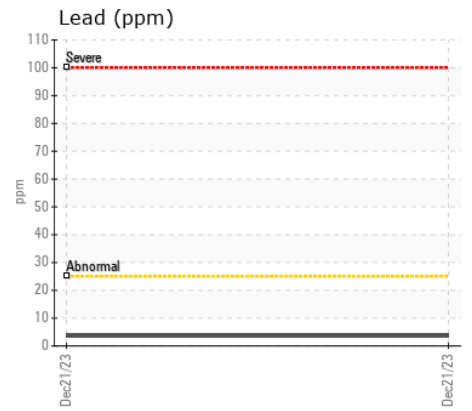
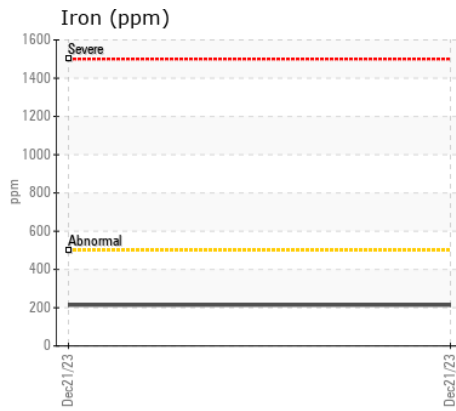
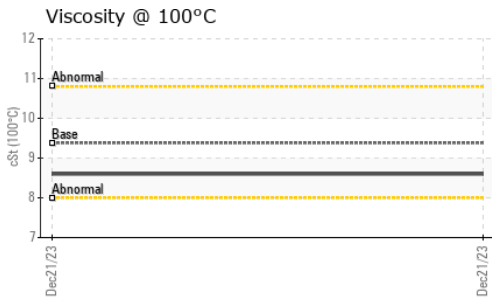
CONTAMINATION

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		PC0074920	---	---
Sample Date		Client Info		21 Dec 2023	---	---
Machine Age	hrs	Client Info		8363	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---
<hr/>						
Iron	ppm	ASTM D5185(m)	>500	214	---	---
Chromium	ppm	ASTM D5185(m)	>10	1	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	10	---	---
Lead	ppm	ASTM D5185(m)	>25	4	---	---
Copper	ppm	ASTM D5185(m)	>100	108	---	---
Tin	ppm	ASTM D5185(m)	>10	6	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
<hr/>						
Silicon	ppm	ASTM D5185(m)	>75	58	---	---
Potassium	ppm	ASTM D5185(m)	>20	9	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>.2	NEG	---	---
<hr/>						
Sodium	ppm	ASTM D5185(m)		27	---	---
Boron	ppm	ASTM D5185(m)	110	17	---	---
Barium	ppm	ASTM D5185(m)	0.0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0.0	0	---	---
Manganese	ppm	ASTM D5185(m)	1	2	---	---
Magnesium	ppm	ASTM D5185(m)	13	20	---	---
Calcium	ppm	ASTM D5185(m)	3610	1932	---	---
Phosphorus	ppm	ASTM D5185(m)	1192	921	---	---
Zinc	ppm	ASTM D5185(m)	1455	982	---	---
Sulfur	ppm	ASTM D5185(m)	2641	2826	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	54.0	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.38	8.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	153	134	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
 Sample No. : PC0074920
 Lab Number : 02608263
 Unique Number : 5709349
 Test Package : MOB 1 (Additional Tests: KV100, VI)

Lakeshore Gold Timmins West

Timmins, ON
CA

Contact: Dale Arseneau
darseneau@ca.panamericansilver.com

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.