

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Fork Lift
Machine Id
FLIFT006
Component
Rear Axle
Fluid
NOT GIVEN (--- LTR)

DIAGNOSIS

Recommendation
Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 5W20 Transmission/Drive Train Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample.

Wear
All component wear rates are normal.

Contamination
There is no indication of any contamination in the oil.

Fluid Condition
The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PC0051272	---	---
Sample Date	Client Info		15 Oct 2023	---	---
Machine Age	hrs Client Info		13407	---	---
Oil Age	hrs Client Info		0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	>500	28	---	---
Chromium	ppm ASTM D5185(m)	>10	0	---	---
Nickel	ppm ASTM D5185(m)	>10	<1	---	---
Titanium	ppm ASTM D5185(m)		0	---	---
Silver	ppm ASTM D5185(m)		<1	---	---
Aluminum	ppm ASTM D5185(m)	>25	3	---	---
Lead	ppm ASTM D5185(m)	>25	0	---	---
Copper	ppm ASTM D5185(m)	>50	2	---	---
Tin	ppm ASTM D5185(m)	>10	0	---	---
Antimony	ppm ASTM D5185(m)	>5	0	---	---
Vanadium	ppm ASTM D5185(m)		0	---	---
Beryllium	ppm ASTM D5185(m)		0	---	---
Cadmium	ppm ASTM D5185(m)		0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)		14	---	---
Barium	ppm ASTM D5185(m)		<1	---	---
Molybdenum	ppm ASTM D5185(m)		<1	---	---
Manganese	ppm ASTM D5185(m)		0	---	---
Magnesium	ppm ASTM D5185(m)		21	---	---
Calcium	ppm ASTM D5185(m)		2506	---	---
Phosphorus	ppm ASTM D5185(m)		917	---	---
Zinc	ppm ASTM D5185(m)		1086	---	---
Sulfur	ppm ASTM D5185(m)		2593	---	---
Lithium	ppm ASTM D5185(m)		<1	---	---

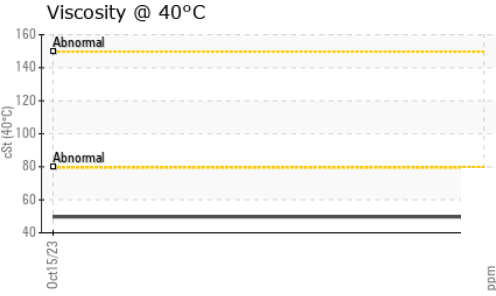
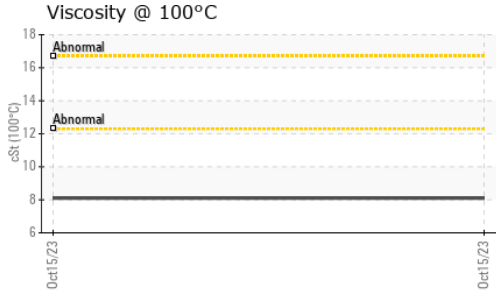
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	>75	14	---	---
Sodium	ppm ASTM D5185(m)		2	---	---
Potassium	ppm ASTM D5185(m)	>20	<1	---	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar Visual*	NONE	NONE	---	---
Yellow Metal	scalar Visual*	NONE	NONE	---	---
Precipitate	scalar Visual*	NONE	NONE	---	---
Silt	scalar Visual*	NONE	NONE	---	---
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*	>0.2	NEG	---	---
Free Water	scalar Visual*		NEG	---	---

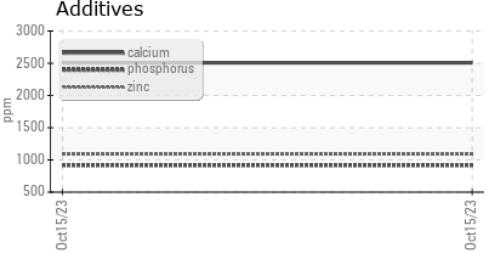
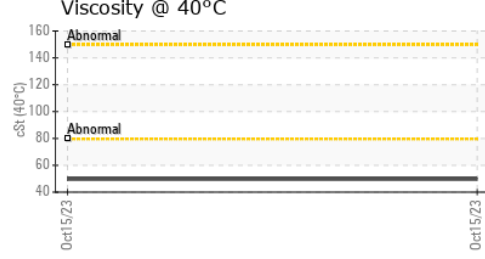
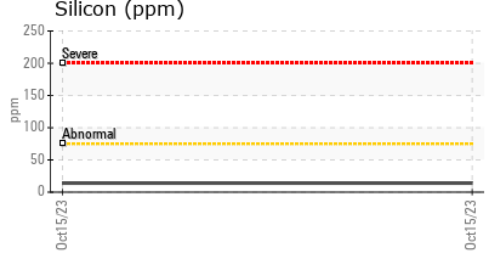
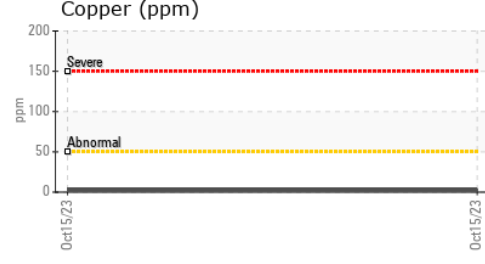
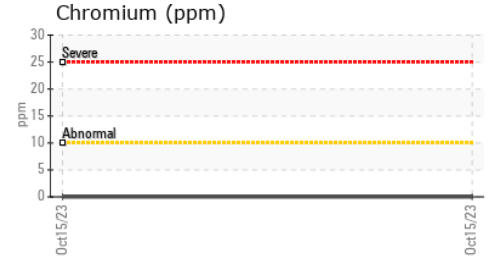
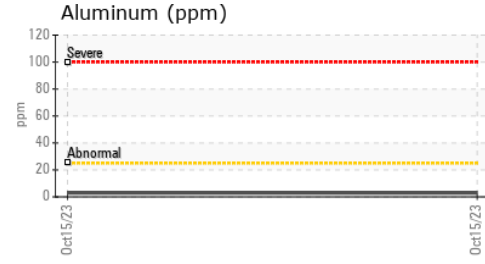
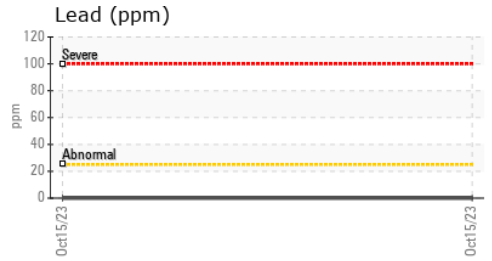
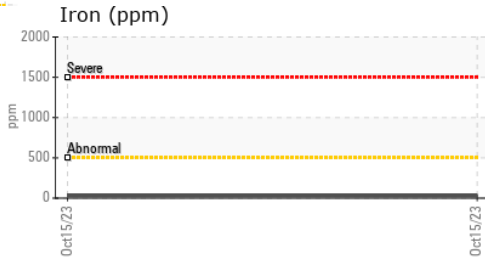
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		49.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		8.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		134	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0051272 **Received** : 01 Nov 2023
Lab Number : 02593318 **Diagnosed** : 02 Nov 2023
Unique Number : 5670397 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

Lakeshore Gold Timmins West
 Timmins, ON
 CA
 Contact: Adam Koscielak
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 T:
 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.