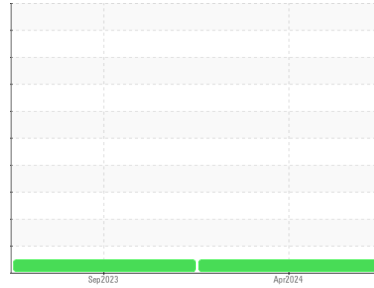




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area  
**[67385]**  
 Machine Id  
**VOVLO 4614**  
 Component  
**Diesel Engine**  
 Fluid  
**PETRO CANADA DURON SAE 10W30 (--- GAL)**

### DIAGNOSIS

#### Recommendation

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

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0895356</b>	WC0853668	---
Sample Date	Client Info			<b>05 Apr 2024</b>	08 Sep 2023	---
Machine Age	mths	Client Info		<b>29</b>	295875	---
Oil Age	mths	Client Info		<b>7</b>	0	---
Oil Changed	Client Info			<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>5		<b>&lt;1.0</b>	<1.0	---
Water	WC Method	>0.2		<b>NEG</b>	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	<b>74</b>	13	---
Chromium	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<b>1</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>6</b>	2	---
Lead	ppm	ASTM D5185(m)	>40	<b>1</b>	<1	---
Copper	ppm	ASTM D5185(m)	>330	<b>15</b>	2	---
Tin	ppm	ASTM D5185(m)	>15	<b>1</b>	<1	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

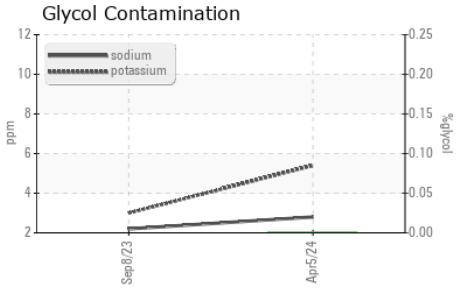
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	1	<b>4</b>	52	---
Barium	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	1	<b>61</b>	2	---
Manganese	ppm	ASTM D5185(m)	1	<b>1</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	10	<b>929</b>	740	---
Calcium	ppm	ASTM D5185(m)	2942	<b>1180</b>	1315	---
Phosphorus	ppm	ASTM D5185(m)	1102	<b>918</b>	746	---
Zinc	ppm	ASTM D5185(m)	1351	<b>1192</b>	781	---
Sulfur	ppm	ASTM D5185(m)	3903	<b>2172</b>	2535	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	<b>6</b>	5	---
Sodium	ppm	ASTM D5185(m)		<b>3</b>	2	---
Potassium	ppm	ASTM D5185(m)	>20	<b>5</b>	3	---
Glycol	%	ASTM D7922*		<b>0.0</b>	NEG	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	<b>0.9</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.7</b>	8.0	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>24.2</b>	18.5	---



# OIL ANALYSIS REPORT

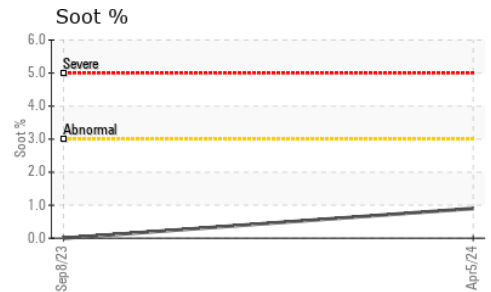
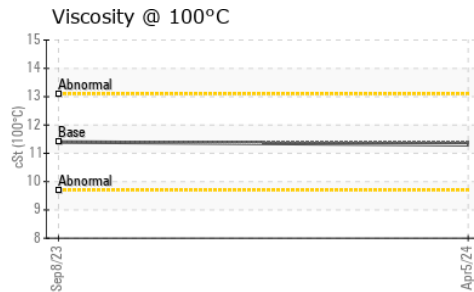
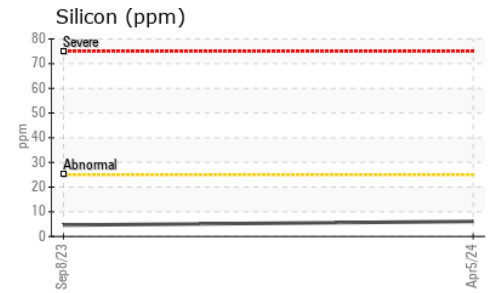
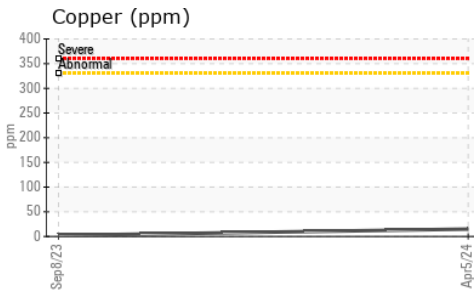
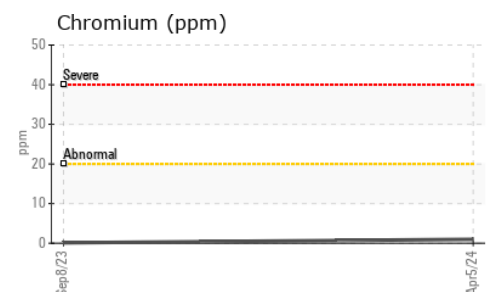
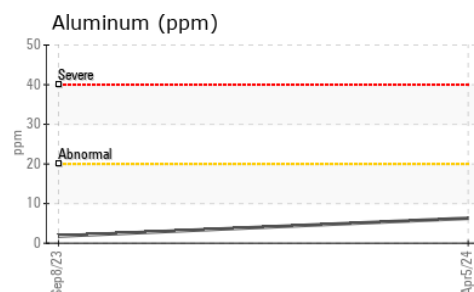
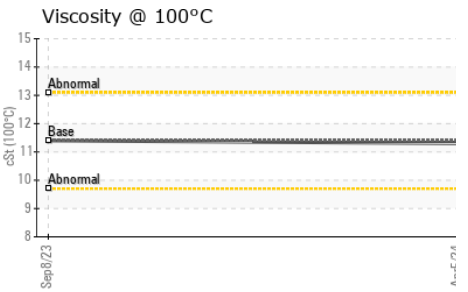
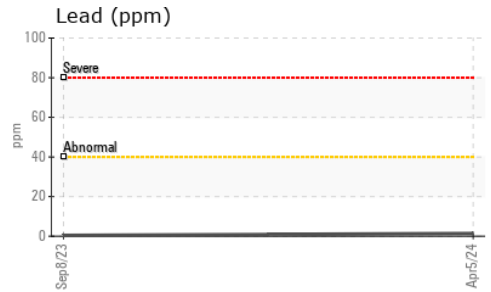
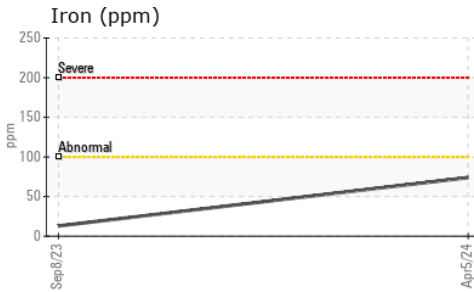
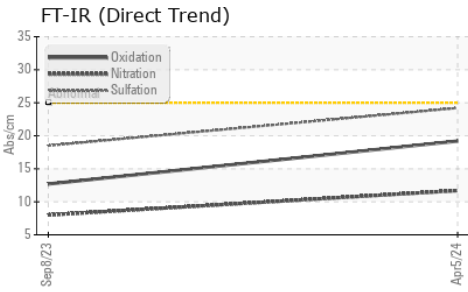


FLUID DEGRADATION	method	limit/base	current	history1	history2	
Oxidation	Abs./1mm	ASTM D7414*	>25	<b>19.2</b>	12.7	---

VISUAL	method	limit/base	current	history1	history2	
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---
Free Water	scalar	Visual*		<b>NEG</b>	NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D7279(m)	11.4	<b>11.3</b>	11.4	---

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0895356      **Received** : 09 Apr 2024  
**Lab Number** : **02627593**      **Tested** : 09 Apr 2024  
**Unique Number** : 5760725      **Diagnosed** : 09 Apr 2024 - Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: Glycol )

**PERFORMANCE EQUIPMENT - VISION TRUCK**  
 415 EVANS AVENUE  
 ETOBICOKE, ON  
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 Contact: Service  
 etobservice@visiontruckgroup.com

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.