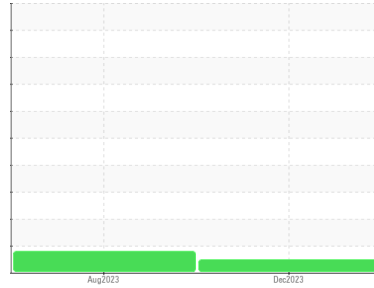




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[64611]
 Machine Id
VOLVO VNL740 4516

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			WC0853686	WC0831147	---
Sample Date	Client Info			22 Dec 2023	11 Aug 2023	---
Machine Age	mths	Client Info		54	656244	---
Oil Age	mths	Client Info		5	0	---
Oil Changed	Client Info			Changed	Changed	---
Sample Status				NORMAL	ABNORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>6.0		<1.0	<1.0	---
Water	WC Method	>0.2		NEG	NEG	---
Glycol	WC Method			NEG	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	80	▲ 152	---
Chromium	ppm	ASTM D5185(m)	>20	1	2	---
Nickel	ppm	ASTM D5185(m)	>2	1	1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>2	<1	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	12	9	---
Lead	ppm	ASTM D5185(m)	>40	2	2	---
Copper	ppm	ASTM D5185(m)	>330	10	20	---
Tin	ppm	ASTM D5185(m)	>15	<1	2	---
Antimony	ppm	ASTM D5185(m)		0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

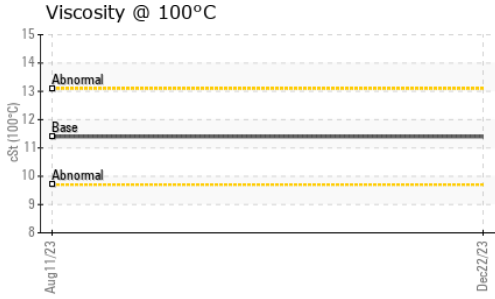
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	1	<1	2	---
Barium	ppm	ASTM D5185(m)	1	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	1	60	58	---
Manganese	ppm	ASTM D5185(m)	1	<1	2	---
Magnesium	ppm	ASTM D5185(m)	10	953	935	---
Calcium	ppm	ASTM D5185(m)	2942	1079	1153	---
Phosphorus	ppm	ASTM D5185(m)	1102	992	1012	---
Zinc	ppm	ASTM D5185(m)	1351	1174	1171	---
Sulfur	ppm	ASTM D5185(m)	3903	2245	2022	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	9	9	---
Sodium	ppm	ASTM D5185(m)		3	4	---
Potassium	ppm	ASTM D5185(m)	>20	2	4	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	1	1.5	---
Nitration	Abs/cm	ASTM D7624*	>20	11.8	14.6	---
Sulfation	Abs./1mm	ASTM D7415*	>30	25.0	30.0	---

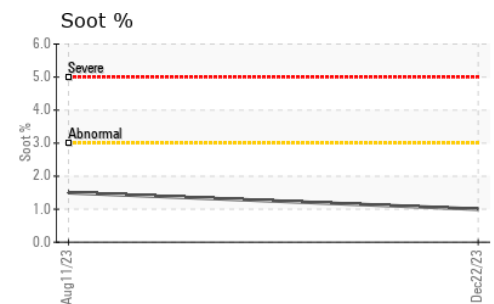
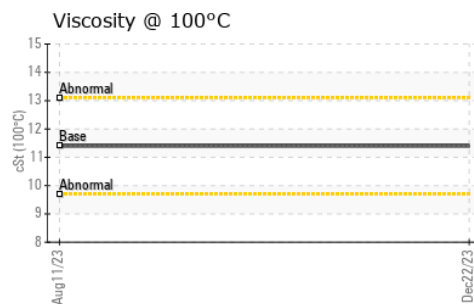
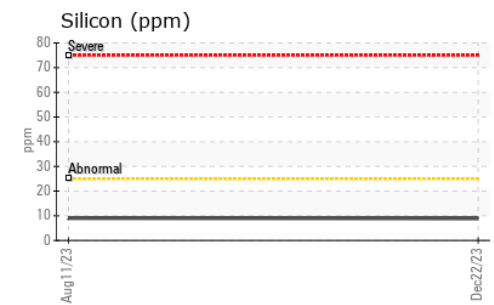
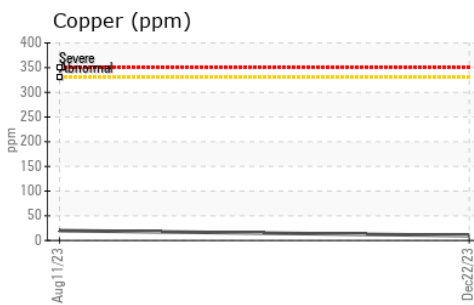
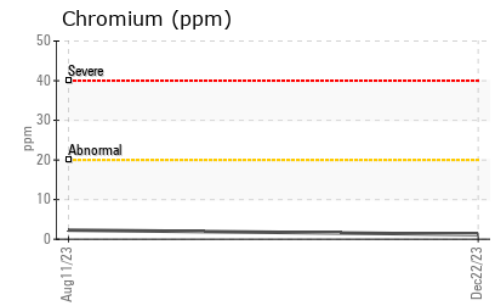
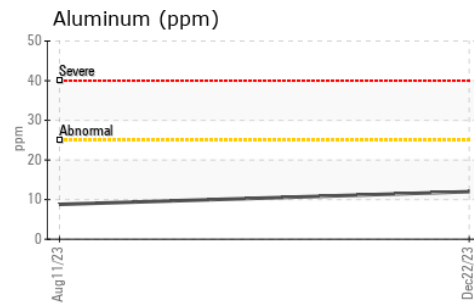
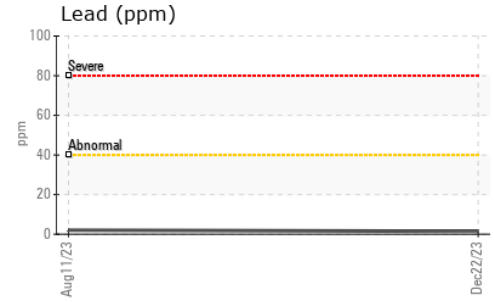
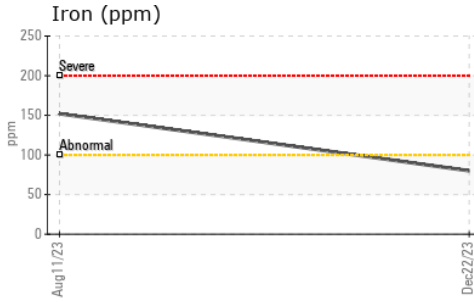


OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	22.5	28.1	---
VISUAL		method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---
Free Water	scalar	Visual*		NEG	NEG	---
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	11.4	11.4	11.4	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PERFORMANCE EQUIPMENT - VISION TRUCK
Sample No. : WC0853686 **Recieved** : 28 Dec 2023 415 EVANS AVENUE
Lab Number : **02605538** **Diagnosed** : 28 Dec 2023 ETOBICOKE, ON
Unique Number : 5698623 **Diagnostician** : Wes Davis CA M8W 0B3
Test Package : MOB 1 Contact: Service

To discuss this sample report, contact Customer Service at 1-800-268-2131. etobservice@visiontruckgroup.com
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:
 Validity of results and interpretation are based on the sample and information as supplied. F: