



# CONSTRUCTION EQUIPMENT

8-385118 VOLVO L150H 7132 - DIESEL ENGINE



**Sample No:** VCP381020  
**Oil Type:** PETRO CANADA 10W30  
**Job No:** 8-385118



## SAMPLE INFORMATION

Sample Number	VCP381020	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	3733	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
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## OIL CONDITION

Visc @ 100°C	cSt	14.3	---	---	---
Oxidation (PA)	%	52	---	---	---



## CONTAMINATION

Water	%	<0.1	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	38	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	2	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	56	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	1039	---	---	---
Magnesium	ppm	934	---	---	---
Zinc	ppm	1137	---	---	---
Phosphorus	ppm	983	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	4	---	---	---

**Depot:** SHEMIS  
**Unique No:** 5681592  
**Signed:** Kevin Marson  
**Report Date:** 17 Nov 2023



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## GRAPHS

