



# CONSTRUCTION EQUIPMENT

STELLA-JONES 8-391802 VOLVO L90H 627110 - DIESEL ENGINE



**Sample No:** VCP394368  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 8-391802



## SAMPLE INFORMATION

Sample Number	VCP394368	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	1155	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
MISSISSAUGA, ON  
CA L4W 4L4

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 89	---	---	---



## CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.6	---	---	---
Nitration (PA)	%	█ 89	---	---	---
Sulfation (PA)	%	█ 65	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 72	---	---	---
Copper	ppm	█ 16	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 5	---	---	---
Aluminum	ppm	█ 19	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 39	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1684	---	---	---
Magnesium	ppm	█ 626	---	---	---
Zinc	ppm	█ 1145	---	---	---
Phosphorus	ppm	█ 960	---	---	---
Barium	ppm	█ 8	---	---	---
Boron	ppm	█ 21	---	---	---

**Depot:** SHEMIS  
**Unique No:** 5723026  
**Signed:** Kevin Marson  
**Report Date:** 07 Feb 2024



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## GRAPHS

