



# CONSTRUCTION EQUIPMENT

8-387330 VOLVO A40G 353271 - DIESEL ENGINE



**Sample No:** VCP394328  
**Oil Type:** NOT GIVEN  
**Job No:** 8-387330



## SAMPLE INFORMATION

Sample Number	VCP394328	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	993	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
MISSISSAUGA, ON  
CA L4W 4L4

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## OIL CONDITION

Visc @ 100°C	cSt	10.9	---	---	---
Oxidation (PA)	%	63	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.2	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.8	---	---	---
Silicon	ppm	24	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	2	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	30	---	---	---
Copper	ppm	175	---	---	---
Lead	ppm	6	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	90	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	2182	---	---	---
Magnesium	ppm	61	---	---	---
Zinc	ppm	1175	---	---	---
Phosphorus	ppm	993	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	27	---	---	---

**Depot:** SHEMIS  
**Unique No:** 5696842  
**Signed:** Kevin Marson  
**Report Date:** 19 Dec 2023



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## GRAPHS

