



# CONSTRUCTION EQUIPMENT

MADA HOLDINGS 8-379612 VOLVO A30F 82138 - DIESEL ENGINE



**Sample No:** VCP392268  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 8-379612



## SAMPLE INFORMATION

Sample Number	VCP392268	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	8524	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
MISSISSAUGA, ON  
CA L4W 4L4

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## OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Oxidation (PA)	%	█ 64	---	---	---



## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 45	---	---	---
Sulfation (PA)	%	█ 57	---	---	---
Glycol	%	▲ 0.023	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	▲ 12	---	---	---



## WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2079	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1086	---	---	---
Phosphorus	ppm	█ 958	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 165	---	---	---

### Diagnosis

We advise that you check for the source of the coolant leak. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. All component wear rates are normal. Test for glycol is positive. There is a light concentration of glycol present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** SHEMIS  
**Unique No:** 5646201  
**Signed:** Bill Quesnel  
**Report Date:** 26 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

