



# CONSTRUCTION EQUIPMENT

LAFARGE 8-387324 VOLVO L260H 1372 - DIESEL ENGINE



**Sample No:** VCP247071  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 8-387324



## SAMPLE INFORMATION

Sample Number	VCP247071	---	---	---
Sample Date	17 Dec 2023	---	---	---
Machine Hours	1046	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	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	▲ 11.0	---	---	---
Oxidation (PA)	%	70	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.3	---	---	---
Nitration (PA)	%	85	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.6	---	---	---
Silicon	ppm	■ 23	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 6	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. 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	■ 24	---	---	---
Copper	ppm	■ 297	---	---	---
Lead	ppm	■ 8	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 80	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 2176	---	---	---
Magnesium	ppm	86	---	---	---
Zinc	ppm	■ 1125	---	---	---
Phosphorus	ppm	■ 951	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 17	---	---	---

**Depot:** SHEMIS  
**Unique No:** 5697686  
**Signed:** Kevin Marson  
**Report Date:** 22 Dec 2023



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## GRAPHS

