



# CONSTRUCTION EQUIPMENT

A10949 VOLVO L60H 623331 - DIESEL ENGINE



**Sample No:** VCP421859  
**Oil Type:** MOBIL 15W40  
**Job No:** A10949



## SAMPLE INFORMATION

Sample Number	VCP421859	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	300	---	---	---
Oil Hours	300	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### COVANTA ENERGY

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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 9.8	---	---	---
Oxidation (PA)	%	66	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1719	---	---	---
Magnesium	ppm	█ 645	---	---	---
Zinc	ppm	█ 1201	---	---	---
Phosphorus	ppm	█ 1046	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 62	---	---	---

**Depot:** COVCHE  
**Unique No:** 10648362  
**Signed:** Wes Davis  
**Report Date:** 18 Sep 2023



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## GRAPHS

