



# CONSTRUCTION EQUIPMENT

A11910 VOLVO L60G 611041 - DIESEL ENGINE



**Sample No:** VCP439490  
**Oil Type:** MOBIL 15W40  
**Job No:** A11910



## SAMPLE INFORMATION

Sample Number	VCP439490	---	---	---
Sample Date	15 Jan 2024	---	---	---
Machine Hours	8190	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**SIMS METAL MANAGEMENT**  
 300 SOUTH STEEL ST  
 MORRISVILLE, PA  
 US 19067  
 Contact:



## OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 5.7	---	---	---
Oxidation (PA)	%	70	---	---	---

T:  
F:

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. 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

Water	%	NEG	---	---	---
Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 15	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 18	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 118	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1345	---	---	---
Magnesium	ppm	█ 544	---	---	---
Zinc	ppm	█ 883	---	---	---
Phosphorus	ppm	█ 720	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 218	---	---	---

**Depot:** SIMMOR  
**Unique No:** 10836329  
**Signed:** Angela Borella  
**Report Date:** 22 Jan 2024



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## GRAPHS

