



# CONSTRUCTION EQUIPMENT

63653 SRM VOLVO L260H VCP 418047 (S/N NOT GIVEN) - DIESEL ENGINE



**Sample No:** VCP418047  
**Oil Type:** NOT GIVEN  
**Job No:** 63653 SRM



## SAMPLE INFORMATION

Sample Number	VCP418047	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	496	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE  
15101 ALABAMA HWY 20  
MADISON, AL  
US 35756  
Contact: RANDY HARRIS  
RHARRIS@COWIN.COM  
T: (256)298-2322  
F: (256)355-5250



## OIL CONDITION

Visc @ 100°C	cSt	█ 11.5	---	---	---
Base Number (BN)	mg KOH/g	█ 7.2	---	---	---
Oxidation (PA)	%	58	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. 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 acceptable for the time in service.



## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	72	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.4	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	▲ 338	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 79	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 2228	---	---	---
Magnesium	ppm	█ 132	---	---	---
Zinc	ppm	█ 1255	---	---	---
Phosphorus	ppm	█ 1058	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 96	---	---	---

**Depot:** COWMAD  
**Unique No:** 10563380  
**Signed:** Doug Bogart  
**Report Date:** 23 Jul 2023



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## GRAPHS

