



# CONSTRUCTION EQUIPMENT

W0329047 MGC CONTRAC VOLVO L90H 626525 - DIESEL ENGINE



**Sample No:** VCP424790  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** W0329047 MGC CONTRAC



## SAMPLE INFORMATION

Sample Number	VCP424790	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	1072	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ROMCO INC MAIN

PO BOX 200210  
SAN ANTONIO, TX  
US 78220  
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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Base Number (BN)	mg KOH/g	█ 8.8	---	---	---
Oxidation (PA)	%	67	---	---	---

## Diagnosis

Resample at the next service interval to monitor. 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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	60	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 88	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 1290	---	---	---
Magnesium	ppm	█ 655	---	---	---
Zinc	ppm	█ 871	---	---	---
Phosphorus	ppm	█ 735	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 187	---	---	---

**Depot:** VOLV00170  
**Unique No:** 10712810  
**Signed:** Wes Davis  
**Report Date:** 27 Oct 2023



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## GRAPHS

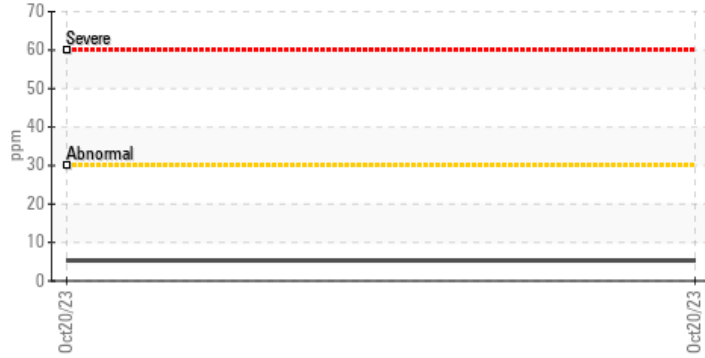
### Iron (ppm)



### Lead (ppm)



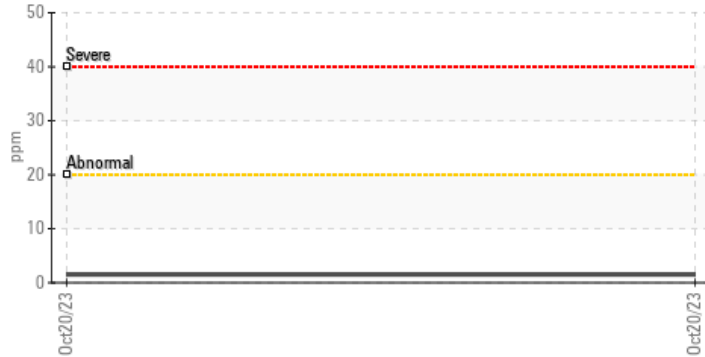
### Aluminum (ppm)



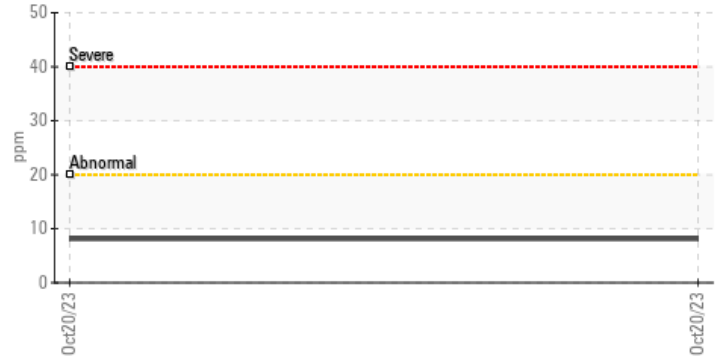
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Base Number

