



# CONSTRUCTION EQUIPMENT

378858 VOLVO A40G 341404 - DROP BOX



**Sample No:** VCP433791  
**Oil Type:** GEAR OIL SAE 80  
**Job No:** 378858



## SAMPLE INFORMATION

Sample Number	<b>VCP433791</b>	VCP226021	VCP188078	---
Sample Date	<b>03 Oct 2023</b>	28 Jan 2019	09 Aug 2018	---
Machine Hours	<b>8091</b>	4180	4020	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	N/A	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>66.4</b>	60.00	199.5	---
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## CONTAMINATION

Silicon	ppm	<b>34</b>	2	11	---
Sodium	ppm	<b>3</b>	2	2	---
Potassium	ppm	<b>4</b>	6	2	---



## WEAR METALS

Iron	ppm	<b>411</b>	10	20	---
Copper	ppm	<b>0</b>	<1	<1	---
Lead	ppm	<b>&lt;1</b>	<1	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>17</b>	3	5	---
Chromium	ppm	<b>5</b>	<1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	1	5	---
Nickel	ppm	<b>&lt;1</b>	0	0	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>6</b>	<1	1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>67</b>	28	76	---
Magnesium	ppm	<b>16</b>	5	19	---
Zinc	ppm	<b>238</b>	25	86	---
Phosphorus	ppm	<b>1117</b>	2149	942	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>95</b>	238	139	---

## 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 condition of the oil is acceptable for the time in service.

**Depot:** VOLVO2990  
**Unique No:** 10685285  
**Signed:** Don Baldrige  
**Report Date:** 11 Oct 2023



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## GRAPHS

