



# CONSTRUCTION EQUIPMENT

443773 VOLVO A40G 342315 - DROP BOX



**Sample No:** VCP441071  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** 443773



## SAMPLE INFORMATION

Sample Number	<b>VCP441071</b>	VCP332228	VCP301940	---
Sample Date	<b>01 Feb 2024</b>	16 Dec 2021	26 Mar 2021	---
Machine Hours	<b>7233</b>	3976	3215	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	N/A	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



## OIL CONDITION

Visc @ 40°C	cSt	<b>291</b>	290	82.9	---
-------------	-----	------------	-----	------	-----



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>21</b>	16	16	---
Sodium	ppm	<b>9</b>	10	25	---
Potassium	ppm	<b>&lt;1</b>	0	11	---

## 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.



## WEAR METALS

Iron	ppm	<b>223</b>	63	81	---
Copper	ppm	<b>0</b>	<1	2	---
Lead	ppm	<b>0</b>	0	1	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>15</b>	8	6	---
Chromium	ppm	<b>3</b>	1	2	---
Molybdenum	ppm	<b>14</b>	11	20	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	1	2	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>60</b>	82	240	---
Magnesium	ppm	<b>9</b>	10	16	---
Zinc	ppm	<b>44</b>	35	203	---
Phosphorus	ppm	<b>1023</b>	1034	929	---
Barium	ppm	<b>1</b>	0	0	---
Boron	ppm	<b>114</b>	164	94	---

**Depot:** VOLVO0090  
**Unique No:** 10871382  
**Signed:** Wes Davis  
**Report Date:** 09 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

