



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - DROP BOX



**Sample No:** VCP440818  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP440818</b>	VCP434384	VCP412164	VCP343857
Sample Date	<b>28 Jun 2024</b>	08 Nov 2023	28 Aug 2023	25 Oct 2021
Machine Hours	<b>6651</b>	5775	5525	3871
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>92.7</b>	249	247	60.3
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### CONTAMINATION

Water	%	<b>NEG</b>	0.124	NEG	NEG
Silicon	ppm	<b>8</b>	6	8	20
Sodium	ppm	<b>2</b>	<1	1	2
Potassium	ppm	<b>1</b>	<1	<1	1

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>69</b>	21	28	41
Copper	ppm	<b>2</b>	<1	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>7</b>	7	8	10
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>4</b>	6	10	4
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>40</b>	50	59	29
Magnesium	ppm	<b>11</b>	12	21	32
Zinc	ppm	<b>186</b>	33	45	21
Phosphorus	ppm	<b>605</b>	980	1271	1317
Barium	ppm	<b>0</b>	0	2	0
Boron	ppm	<b>55</b>	153	241	161

**Depot:** VOLVO0090  
**Unique No:** 11114031  
**Signed:** Don Baldrige  
**Report Date:** 10 Jul 2024



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## GRAPHS

