



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - FRONT AXLE



**Sample No:** VCP440815  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP440815	VCP434308	VCP412168	VCP344736
Sample Date	28 Jun 2024	08 Nov 2023	28 Aug 2023	25 Oct 2021
Machine Hours	6651	5775	5525	3871
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	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	186	240	220	185



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	4	2
Sodium	ppm	2	<1	0	2
Potassium	ppm	2	0	<1	0

### 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	109	74	202	352
Copper	ppm	43	19	73	36
Lead	ppm	<1	0	0	<1
Tin	ppm	2	0	3	2
Aluminum	ppm	1	0	0	<1
Chromium	ppm	1	0	2	6
Molybdenum	ppm	10	10	5	6
Nickel	ppm	<1	0	1	3
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	1	4	8
Vanadium	ppm	0	0	0	<1



### ADDITIVES

Calcium	ppm	132	206	117	153
Magnesium	ppm	46	50	15	15
Zinc	ppm	117	126	48	51
Phosphorus	ppm	855	812	1199	1187
Barium	ppm	0	0	2	0
Boron	ppm	118	129	191	190

**Depot:** VOLVO0090  
**Unique No:** 11114026  
**Signed:** Wes Davis  
**Report Date:** 10 Jul 2024



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## GRAPHS

