



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - FRONT AXLE



Sample No: VCP412168
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP412168	VCP344736	---	---
Sample Date	28 Aug 2023	25 Oct 2021	---	---
Machine Hours	5525	3871	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	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	220	185	---	---
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CONTAMINATION

Silicon	ppm	4	2	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

Iron	ppm	202	352	---	---
Copper	ppm	73	36	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	3	2	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	5	6	---	---
Nickel	ppm	1	3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	4	8	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	117	153	---	---
Magnesium	ppm	15	15	---	---
Zinc	ppm	48	51	---	---
Phosphorus	ppm	1199	1187	---	---
Barium	ppm	2	0	---	---
Boron	ppm	191	190	---	---

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: VOLVO0090
Unique No: 10633234
Signed: Don Baldrige
Report Date: 07 Sep 2023



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GRAPHS

