



CONSTRUCTION EQUIPMENT

700392 ALTA RENTS VOLVO A25G 752731 - BOGIE/CENTER AXLE



Sample No: VCP438216
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 700392 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP438216	VCP440400	VCP440395	---
Sample Date	02 Apr 2024	13 Oct 2023	13 Oct 2023	---
Machine Hours	1259	627	627	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ATTENTION	ATTENTION	ATTENTION	---

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OIL CONDITION

Visc @ 40°C	cSt	85.8	87.3	88.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	5	6	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	2	2	2	---

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	364	198	277	---
Copper	ppm	34	22	21	---
Lead	ppm	0	0	0	---
Tin	ppm	1	<1	<1	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	6	4	5	---
Molybdenum	ppm	10	6	6	---
Nickel	ppm	3	2	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	11	9	10	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	891	785	697	---
Magnesium	ppm	2	5	6	---
Zinc	ppm	368	351	311	---
Phosphorus	ppm	1455	1321	1360	---
Barium	ppm	7	9	9	---
Boron	ppm	251	250	244	---

Depot: VOLVO0096
Unique No: 10966532
Signed: Don Baldrige
Report Date: 10 Apr 2024



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GRAPHS

