



CONSTRUCTION EQUIPMENT

687253 RENTALS VOLVO A25G 752572 - FRONT AXLE



Sample No: VCP453913
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 687253 RENTALS



SAMPLE INFORMATION

Sample Number	VCP453913	VCP418356	---	---
Sample Date	08 Mar 2024	11 Jul 2023	---	---
Machine Hours	1305	421	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	224	93.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	6	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	3	7	---	---

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	131	144	---	---
Copper	ppm	31	29	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	2	1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	4	9	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	5	10	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	196	754	---	---
Magnesium	ppm	10	0	---	---
Zinc	ppm	95	317	---	---
Phosphorus	ppm	1033	1539	---	---
Barium	ppm	2	0	---	---
Boron	ppm	187	329	---	---

Depot: VOLVO0093
Unique No: 10941420
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

