



CONSTRUCTION EQUIPMENT

702804 ALTA RENTS VOLVO A25G 752747 - FRONT AXLE



Sample No: VCP454720
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702804 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP454720	VCP435109	VCP412760	---
Sample Date	24 Apr 2024	16 Oct 2023	05 Aug 2023	---
Machine Hours	1555	823	518	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

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OIL CONDITION

Visc @ 40°C	cSt	297	250	105	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	3	4	---
Sodium	ppm	<1	<1	0	---
Potassium	ppm	0	2	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	63	72	209	---
Copper	ppm	9	7	18	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	<1	2	6	---
Molybdenum	ppm	3	3	6	---
Nickel	ppm	0	<1	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	10	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	157	113	258	---
Magnesium	ppm	18	17	0	---
Zinc	ppm	67	55	91	---
Phosphorus	ppm	1054	1105	1488	---
Barium	ppm	0	0	0	---
Boron	ppm	190	193	337	---

Depot: VOLVO0096
Unique No: 11005599
Signed: Wes Davis
Report Date: 01 May 2024



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GRAPHS

