



CONSTRUCTION EQUIPMENT

702804 ALTA RENTS VOLVO A25G 752747 - REAR AXLE



Sample No: VCP454712
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702804 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP454712	VCP431305	VCP412765	---
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	300	249	107	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	4	5	---
Sodium	ppm	<1	<1	0	---
Potassium	ppm	0	2	<1	---

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	70	81	265	---
Copper	ppm	5	6	15	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	<1	2	6	---
Molybdenum	ppm	3	3	5	---
Nickel	ppm	0	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	4	13	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	117	102	187	---
Magnesium	ppm	20	16	0	---
Zinc	ppm	61	50	57	---
Phosphorus	ppm	1104	1083	1535	---
Barium	ppm	0	0	0	---
Boron	ppm	193	199	361	---

Depot: VOLVO0096
Unique No: 11005595
Signed: Wes Davis
Report Date: 01 May 2024



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GRAPHS

