



CONSTRUCTION EQUIPMENT

635050 ALTA RENTS VOLVO A25G 752294 - REAR AXLE



Sample No: VCP432403
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 635050 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP432403	VCP354598	---	---
Sample Date	01 Dec 2023	09 Aug 2022	---	---
Machine Hours	1906	954	---	---
Oil Hours	0	1500	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	224	208	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	3	1	---	---
Potassium	ppm	5	<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	102	154	---	---
Copper	ppm	11	16	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	4	6	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	183	264	---	---
Magnesium	ppm	7	8	---	---
Zinc	ppm	93	169	---	---
Phosphorus	ppm	1056	1110	---	---
Barium	ppm	0	0	---	---
Boron	ppm	175	204	---	---

Depot: VOLVO0096
Unique No: 10777999
Signed: Wes Davis
Report Date: 09 Dec 2023



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GRAPHS

