



CONSTRUCTION EQUIPMENT

700717 RENTALS VOLVO A25G 752650 - DROP BOX



Sample No: VCP446342
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 700717 RENTALS



SAMPLE INFORMATION

Sample Number	VCP446342	VCP431591	VCP421942	---
Sample Date	04 Apr 2024	28 Nov 2023	23 May 2023	---
Machine Hours	2072	1460	543	---
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	267	229	47.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	5	21	---
Sodium	ppm	4	2	5	---
Potassium	ppm	0	1	3	---

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	38	52	62	---
Copper	ppm	<1	<1	2	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	7	11	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	3	8	6	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	35	62	50	---
Magnesium	ppm	3	12	5	---
Zinc	ppm	28	34	56	---
Phosphorus	ppm	828	1076	2322	---
Barium	ppm	0	2	2	---
Boron	ppm	51	190	202	---

Depot: VOLVO0096
Unique No: 10969488
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

