



CONSTRUCTION EQUIPMENT

VOLVO A25G 752074 - DROP BOX



Sample No: VCP434867
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434867	VCP398072	VCP362870	---
Sample Date	28 Nov 2023	01 Mar 2023	13 May 2022	---
Machine Hours	4301	3204	2145	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 F:



OIL CONDITION

Visc @ 40°C	cSt	287	237	57.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	8	40	---
Sodium	ppm	2	0	8	---
Potassium	ppm	1	<1	2	---

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	54	33	47	---
Copper	ppm	<1	0	1	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	3	3	11	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	8	5	6	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	61	81	54	---
Magnesium	ppm	10	14	<1	---
Zinc	ppm	35	53	39	---
Phosphorus	ppm	972	996	1394	---
Barium	ppm	0	<1	0	---
Boron	ppm	165	163	174	---

Depot: JRDKIS
Unique No: 10765294
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

