



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - DROP BOX



Sample No: VCP434384
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434384	VCP412164	VCP343857	---
Sample Date	08 Nov 2023	28 Aug 2023	25 Oct 2021	---
Machine Hours	5775	5525	3871	---
Oil Hours	0	0	0	---
Oil Changed	Not Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	249	247	60.3	---
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CONTAMINATION

Water	%	0.124	---	---	---
Silicon	ppm	6	8	20	---
Sodium	ppm	<1	1	2	---
Potassium	ppm	<1	<1	1	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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	21	28	41	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	7	8	10	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	6	10	4	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	50	59	29	---
Magnesium	ppm	12	21	32	---
Zinc	ppm	33	45	21	---
Phosphorus	ppm	980	1271	1317	---
Barium	ppm	0	2	0	---
Boron	ppm	153	241	161	---

Depot: VOLVO0090
Unique No: 10740988
Signed: Wes Davis
Report Date: 15 Nov 2023



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GRAPHS

