



CONSTRUCTION EQUIPMENT

VOLVO A45G 352841 - DROP BOX



Sample No: VCP420503
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP420503	VCP361371	---	---
Sample Date	22 Nov 2023	23 Jan 2023	---	---
Machine Hours	3353	2059	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
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 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	250	▲ 47.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	31	▲ 56	---	---
Sodium	ppm	2	■ 10	---	---
Potassium	ppm	0	■ 2	---	---



WEAR METALS

Iron	ppm	89	▲ 535	---	---
Copper	ppm	5	▲ 36	---	---
Lead	ppm	0	■ 1	---	---
Tin	ppm	0	■ <1	---	---
Aluminum	ppm	<1	■ 2	---	---
Chromium	ppm	1	■ 5	---	---
Molybdenum	ppm	12	■ 14	---	---
Nickel	ppm	0	■ 2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	■ 12	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	181	■ 50	---	---
Magnesium	ppm	23	■ 6	---	---
Zinc	ppm	95	■ 112	---	---
Phosphorus	ppm	1078	2103	---	---
Barium	ppm	0	■ 6	---	---
Boron	ppm	156	■ 40	---	---

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.

Depot: VOLVO0090
Unique No: 10764299
Signed: Wes Davis
Report Date: 29 Nov 2023



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GRAPHS

