



CONSTRUCTION EQUIPMENT

VOLVO A45G 353591 - DROP BOX



Sample No: VCP454814
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454814	VCP434316	---	---
Sample Date	02 May 2024	14 Nov 2023	---	---
Machine Hours	2216	1099	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	52.1	52.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	47	---	---
Sodium	ppm	3	10	---	---
Potassium	ppm	4	3	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. 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	553	85	---	---
Copper	ppm	8	8	---	---
Lead	ppm	2	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	9	1	---	---
Molybdenum	ppm	12	7	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	16	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	152	80	---	---
Magnesium	ppm	<1	6	---	---
Zinc	ppm	68	99	---	---
Phosphorus	ppm	2391	2046	---	---
Barium	ppm	0	0	---	---
Boron	ppm	214	105	---	---

Depot: VOLVO0090
Unique No: 11016373
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

