



CONSTRUCTION EQUIPMENT

VOLVO A45G 353220 - DROP BOX



Sample No: VCP438428
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP438428	VCP426627	---	---
Sample Date	26 Apr 2024	26 Jul 2023	---	---
Machine Hours	3589	2142	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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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	170	49.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	61	---	---
Sodium	ppm	1	9	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	286	493	---	---
Copper	ppm	6	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	3	5	---	---
Molybdenum	ppm	22	17	---	---
Nickel	ppm	2	4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	135	53	---	---
Magnesium	ppm	57	4	---	---
Zinc	ppm	137	103	---	---
Phosphorus	ppm	1193	2374	---	---
Barium	ppm	0	0	---	---
Boron	ppm	141	87	---	---

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: 11006754
Signed: Jonathan Hester
Report Date: 05 May 2024



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GRAPHS

