



CONSTRUCTION EQUIPMENT

VOLVO A45G 353251 - DROP BOX



Sample No: VCP454363
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454363	VCP436600	---	---
Sample Date	04 May 2024	25 Jan 2024	---	---
Machine Hours	3988	3274	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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

Visc @ 40°C	cSt	49.5	47.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	42	42	---	---
Sodium	ppm	10	10	---	---
Potassium	ppm	4	4	---	---

WEAR METALS

Iron	ppm	825	752	---	---
Copper	ppm	25	21	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	6	5	---	---
Molybdenum	ppm	11	10	---	---
Nickel	ppm	6	5	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	11	11	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	115	65	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	111	104	---	---
Phosphorus	ppm	1995	2120	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	83	83	---	---

Diagnosis
 The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0090
Unique No: 11017759
Signed: Don Baldrige
Report Date: 09 May 2024



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VOLVO GRAPHS

