



CONSTRUCTION EQUIPMENT

VOLVO A25G 752598 - WET DISC BRAKE



Sample No: VCP434281
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP434281	VCP418885	---	---
Sample Date	06 Nov 2023	26 May 2023	---	---
Machine Hours	1489	528	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Not Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	46.5	44.7	---	---
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CONTAMINATION

Silicon	ppm	13	12	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	7	8	---	---
Copper	ppm	▲ 154	57	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3659	3995	---	---
Magnesium	ppm	10	10	---	---
Zinc	ppm	1566	1654	---	---
Phosphorus	ppm	1301	1305	---	---
Barium	ppm	0	0	---	---
Boron	ppm	123	124	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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: 10737602
Signed: Angela Borella
Report Date: 14 Nov 2023



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GRAPHS

