



CONSTRUCTION EQUIPMENT

700392 ALTA RENTS VOLVO A25G 752731 - WET DISC BRAKE



Sample No: VCP438220
Oil Type: VOLVO WB 102
Job No: 700392 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP438220	VCP440386	---	---
Sample Date	02 Apr 2024	13 Oct 2023	---	---
Machine Hours	1259	627	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	48.2	42.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	12	---	---
Sodium	ppm	4	3	---	---
Potassium	ppm	2	1	---	---

Diagnosis

No corrective action is recommended at this time. 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.



WEAR METALS

Iron	ppm	8	3	---	---
Copper	ppm	173	118	---	---
Lead	ppm	2	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3935	3518	---	---
Magnesium	ppm	6	10	---	---
Zinc	ppm	1543	1435	---	---
Phosphorus	ppm	1259	1194	---	---
Barium	ppm	2	3	---	---
Boron	ppm	128	117	---	---

Depot: VOLVO0096
Unique No: 10969484
Signed: Don Baldrige
Report Date: 13 Apr 2024



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GRAPHS

