



# CONSTRUCTION EQUIPMENT

433914 JMH VOLVO A30G 752683 - WET DISC BRAKE



**Sample No:** VCP428515  
**Oil Type:** VOLVO WB 102  
**Job No:** 433914 JMH



## SAMPLE INFORMATION

Sample Number	VCP428515	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	2013	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 43.8	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	▲ 245	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3612	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 1445	---	---	---
Phosphorus	ppm	█ 1228	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 123	---	---	---

## 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.

**Depot:** VOLVO0096  
**Unique No:** 10793423  
**Signed:** Jonathan Hester  
**Report Date:** 20 Dec 2023



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## GRAPHS

