



# CONSTRUCTION EQUIPMENT

## 715745 MOSAIC VOLVO A45G 352594 - BRAKE COOLING SYSTEM



**Sample No:** VCP455479  
**Oil Type:** VOLVO WB 102  
**Job No:** 715745 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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### SAMPLE INFORMATION

Sample Number	VCP455479	VCP0007632	---	---
Sample Date	13 May 2024	06 Jun 2023	---	---
Machine Hours	5749	0	---	---
Oil Hours	1749	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	█ 42.0	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 21	█ 31	---	---
Sodium	ppm	█ 5	█ 8	---	---
Potassium	ppm	█ 2	█ <1	---	---



### WEAR METALS

Iron	ppm	▲ 94	▲ 152	---	---
Copper	ppm	█ 81	█ 66	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ 1	█ 2	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 6	█ 6	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	3	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 2928	3756	---	---
Magnesium	ppm	█ 10	14	---	---
Zinc	ppm	█ 1407	1576	---	---
Phosphorus	ppm	█ 1342	1285	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 118	124	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level has decreased, but is still abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 11072524  
**Signed:** Don Baldrige  
**Report Date:** 12 Jun 2024



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## VOLVO GRAPHS

