



CONSTRUCTION EQUIPMENT

646452 MOSIAC CO VOLVO A45G 352974 - BRAKE COOLING SYSTEM



Sample No: VCP440808
Oil Type: VOLVO WB 102
Job No: 646452 MOSIAC CO



SAMPLE INFORMATION

Sample Number	VCP440808	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	3408	---	---	---
Oil Hours	3408	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---

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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 30	---	---	---
Copper	ppm	▲ 275	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 8	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3523	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 1494	---	---	---
Phosphorus	ppm	█ 1417	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 108	---	---	---

Depot: VOLVO0093
Unique No: 10862344
Signed: Don Baldrige
Report Date: 07 Feb 2024



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GRAPHS

