



CONSTRUCTION EQUIPMENT

X38812 VULCAN VOLVO A40G 352031 - BRAKE COOLING SYSTEM



Sample No: VCP303122
Oil Type: VOLVO
Job No: X38812 VULCAN



SAMPLE INFORMATION

Sample Number	VCP303122	---	---	---
Sample Date	06 Apr 2022	---	---	---
Machine Hours	4126	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Lavergne
 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
 US 37086
 Contact: ANDY CHAMBERS
 achambers@scottcompanies.com
 T:
 F: (615)793-9655



OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 31	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. 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	▲ 119	---	---	---
Copper	ppm	▲ 234	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 8	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3791	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1423	---	---	---
Phosphorus	ppm	1411	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	94	---	---	---

Depot: VOLVO0129
Unique No: 9934372
Signed: Don Baldrige
Report Date: 18 Apr 2022



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GRAPHS

