



CONSTRUCTION EQUIPMENT

687484 VOLVO A30G 752866 - BRAKE COOLING SYSTEM



Sample No: VCP438350
Oil Type: VOLVO WB 102
Job No: 687484



SAMPLE INFORMATION

Sample Number	VCP438350	VCP396916	---	---
Sample Date	15 Mar 2024	05 Jul 2023	---	---
Machine Hours	2208	1096	---	---
Oil Hours	2208	1096	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	45.0	45.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	13	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	0	3	---	---



WEAR METALS

Iron	ppm	16	7	---	---
Copper	ppm	246	203	---	---
Lead	ppm	3	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4045	3993	---	---
Magnesium	ppm	9	9	---	---
Zinc	ppm	1657	1646	---	---
Phosphorus	ppm	1455	1330	---	---
Barium	ppm	2	0	---	---
Boron	ppm	133	129	---	---

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.

Depot: RIPTAM
Unique No: 10976327
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

