



CONSTRUCTION EQUIPMENT

606275 VOLVO A30G 742023 - BRAKE COOLING SYSTEM



Sample No: VCP414737
Oil Type: VOLVO WB 102
Job No: 606275



SAMPLE INFORMATION

Sample Number	VCP414737	VCP359384	VCP04969342	---
Sample Date	11 Sep 2023	20 Apr 2022	26 Mar 2020	---
Machine Hours	8246	6218	4300	---
Oil Hours	4000	2000	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	44.5	44.9	42.5	---
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CONTAMINATION

Water	%	---	▲ 0.238	---	---
Silicon	ppm	10	15	12	---
Sodium	ppm	0	5	4	---
Potassium	ppm	1	0	2	---

Diagnosis

Resample at the next service interval to monitor. All 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	13	7	12	---
Copper	ppm	146	▲ 207	▲ 348	---
Lead	ppm	<1	<1	1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	<1	0	---
Nickel	ppm	<1	0	1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3128	3492	3894	---
Magnesium	ppm	8	13	6	---
Zinc	ppm	1353	1383	1432	---
Phosphorus	ppm	1202	1320	1177	---
Barium	ppm	1	0	0	---
Boron	ppm	103	108	90	---

Depot: RIPTAM
Unique No: 10689323
Signed: Don Baldrige
Report Date: 16 Oct 2023



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GRAPHS

