



CONSTRUCTION EQUIPMENT

593927 VOLVO A30G 752151 - BRAKE COOLING SYSTEM



Sample No: VCP411615
Oil Type: VOLVO WB 102
Job No: 593927



SAMPLE INFORMATION

Sample Number	VCP411615	VCP397425	VCP332729	---
Sample Date	14 Aug 2023	16 Jan 2023	15 Mar 2022	---
Machine Hours	5197	4145	2275	---
Oil Hours	1197	4145	2275	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	MARGINAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com

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OIL CONDITION

Visc @ 40°C	cSt	43.6	45.8	41.6	---
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CONTAMINATION

Water	%	0.306	---	---	---
Silicon	ppm	8	11	12	---
Sodium	ppm	3	5	6	---
Potassium	ppm	2	0	3	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	9	14	8	---
Copper	ppm	43	68	75	---
Lead	ppm	0	1	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3099	3190	3968	---
Magnesium	ppm	19	10	9	---
Zinc	ppm	1342	1254	1645	---
Phosphorus	ppm	1144	1003	1371	---
Barium	ppm	0	0	0	---
Boron	ppm	58	117	125	---

Depot: RIPTAM
Unique No: 10642054
Signed: Don Baldrige
Report Date: 12 Sep 2023



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VOLVO GRAPHS

