



CONSTRUCTION EQUIPMENT

SWO-066309 VOLVO A30G 742385 - BRAKE



Sample No: VCP433227
Oil Type: NOT GIVEN
Job No: SWO-066309



SAMPLE INFORMATION

Sample Number	VCP433227	VCP416639	VCP390477	---
Sample Date	02 Oct 2023	20 Jun 2023	17 Oct 2022	---
Machine Hours	5255	4737	4210	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	57.5	55.1	53.3	---
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CONTAMINATION

Silicon	ppm	19	12	9	---
Sodium	ppm	2	4	3	---
Potassium	ppm	2	1	0	---



WEAR METALS

Iron	ppm	26	17	11	---
Copper	ppm	189	156	152	---
Lead	ppm	<1	2	42	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	5	4	0	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	6	6	2	---
Nickel	ppm	2	1	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	2989	3062	3154	---
Magnesium	ppm	35	42	23	---
Zinc	ppm	1323	1316	1274	---
Phosphorus	ppm	1111	1092	1025	---
Barium	ppm	0	0	0	---
Boron	ppm	58	60	48	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10682527
Signed: Doug Bogart
Report Date: 15 Oct 2023



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GRAPHS

