



CONSTRUCTION EQUIPMENT

SWO-063331 VOLVO A30G 752673 - FRONT AXLE



Sample No: VCP424296
Oil Type: NOT GIVEN
Job No: SWO-063331



SAMPLE INFORMATION

Sample Number	VCP424296	VCP367321	---	---
Sample Date	23 Jun 2023	02 Dec 2022	---	---
Machine Hours	987	490	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	87.1	88.1	---	---
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CONTAMINATION

Silicon	ppm	4	5	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	3	<1	---	---



WEAR METALS

Iron	ppm	256	264	---	---
Copper	ppm	16	13	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	4	---	---
Chromium	ppm	5	6	---	---
Molybdenum	ppm	17	18	---	---
Nickel	ppm	2	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	11	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	795	791	---	---
Magnesium	ppm	2	3	---	---
Zinc	ppm	331	289	---	---
Phosphorus	ppm	1339	1285	---	---
Barium	ppm	2	0	---	---
Boron	ppm	188	173	---	---

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: 10536400
Signed: Don Baldrige
Report Date: 02 Jul 2023



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GRAPHS

