



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - REAR AXLE



Sample No: VCP452737
Oil Type: {unknown}
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452737	VCP442661	VCP433455	VCP402163
Sample Date	29 Apr 2024	11 Jan 2024	06 Sep 2023	28 Feb 2023
Machine Hours	3015	2513	2021	1556
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	49.6	50.0	49.4	50.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	2
Sodium	ppm	<1	3	2	2
Potassium	ppm	3	0	4	<1



WEAR METALS

Iron	ppm	48	116	57	110
Copper	ppm	1	1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	0	0	<1
Chromium	ppm	<1	2	<1	2
Molybdenum	ppm	1	3	<1	3
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	6	3	7
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	330	336	354	347
Magnesium	ppm	2	0	2	4
Zinc	ppm	147	145	160	141
Phosphorus	ppm	2323	2309	2456	2120
Barium	ppm	0	0	0	0
Boron	ppm	324	267	290	286

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: 11009508

Signed: Don Baldrige

Report Date: 07 May 2024



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GRAPHS

