



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP452742
Oil Type: {unknown}
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452742	VCP442665	VCP433152	VCP402486
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

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OIL CONDITION

Visc @ 40°C	cSt	49.1	49.3	49.1	49.6
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CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	68	117	51	99
Copper	ppm	2	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	2	3	<1	3
Nickel	ppm	1	<1	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	5	2	5
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	384	293	313	304
Magnesium	ppm	2	0	2	5
Zinc	ppm	178	128	146	130
Phosphorus	ppm	3078	2245	2453	2100
Barium	ppm	0	0	0	0
Boron	ppm	403	258	286	277

Depot: SAIBIR
Unique No: 11009506
Signed: Don Baldrige
Report Date: 07 May 2024



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GRAPHS

