



CONSTRUCTION EQUIPMENT

SWO-065604 VOLVO A60H 350187 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP433152
Oil Type: NOT GIVEN
Job No: SWO-065604



SAMPLE INFORMATION

Sample Number	VCP433152	VCP402486	VCP388246	VCP357786
Sample Date	06 Sep 2023	28 Feb 2023	14 Oct 2022	08 Aug 2022
Machine Hours	2021	1556	1098	537
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	49.1	49.6	49.4	50.0
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CONTAMINATION

Silicon	ppm	2	2	2	3
Sodium	ppm	2	2	1	1
Potassium	ppm	4	<1	0	3

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	51	99	116	88
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	0	1
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	<1	3	3	3
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	5	6	5
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	313	304	299	312
Magnesium	ppm	2	5	0	2
Zinc	ppm	146	130	128	145
Phosphorus	ppm	2453	2100	2169	2340
Barium	ppm	0	0	0	2
Boron	ppm	286	277	265	298

Depot: SAIBIR
Unique No: 10646453
Signed: Angela Borella
Report Date: 18 Sep 2023



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GRAPHS

