



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - BOGIE/CENTER AXLE



Sample No: VCP452740
Oil Type: {unknown}
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452740	VCP442659	VCP433151	VCP402250
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	48.2	50.1	49.4	49.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	3
Sodium	ppm	<1	3	3	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	54	114	52	96
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	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	5	2	5
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	292	298	316	311
Magnesium	ppm	2	0	2	5
Zinc	ppm	130	129	148	133
Phosphorus	ppm	2203	2253	2467	2128
Barium	ppm	0	0	0	0
Boron	ppm	323	261	278	278

Depot: SAIBIR
Unique No: 11009614
Signed: Jonathan Hester
Report Date: 08 May 2024



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VOLVO GRAPHS

