



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - FRONT AXLE



Sample No: VCP452729
Oil Type: {unknown}
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452729	VCP435401	VCP428998	VCP402164
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	49.1	49.6	50.4
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CONTAMINATION

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

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	53	105	58	96
Copper	ppm	1	4	<1	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	0	0	<1
Chromium	ppm	<1	2	<1	2
Molybdenum	ppm	1	2	<1	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	7	3	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	332	374	346	333
Magnesium	ppm	2	0	1	4
Zinc	ppm	154	159	160	140
Phosphorus	ppm	2452	2240	2464	2061
Barium	ppm	0	0	0	0
Boron	ppm	324	255	287	273

Depot: SAIBIR
Unique No: 11009510
Signed: Don Baldrige
Report Date: 07 May 2024



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VOLVO GRAPHS

