



CONSTRUCTION EQUIPMENT

VOLVO A60H 350187 - REAR RIGHT FINAL DRIVE



Sample No: VCP442660

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP442660	VCP402474	VCP388252	VCP362932
Sample Date	11 Jan 2024	28 Feb 2023	14 Oct 2022	08 Aug 2022
Machine Hours	2513	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	51.2	49.7	49.9	50.8
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CONTAMINATION

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

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	111	103	102	74
Copper	ppm	1	1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	<1	0	1
Chromium	ppm	2	2	2	2
Molybdenum	ppm	3	3	3	3
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	6	6	6	5
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	318	370	332	366
Magnesium	ppm	<1	5	0	2
Zinc	ppm	143	152	141	168
Phosphorus	ppm	2200	2134	2148	2346
Barium	ppm	<1	0	0	2
Boron	ppm	251	282	264	296

Depot: SAIBIR

Unique No: 10845472

Signed: Sean Felton

Report Date: 25 Jan 2024



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GRAPHS

