



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - REAR LEFT FINAL DRIVE



Sample No: VCP440677

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP440677	VCP435108	VCP416650	VCP410297
Sample Date	23 Jan 2024	11 Oct 2023	18 Jul 2023	27 Mar 2023
Machine Hours	8489	7982	7491	7019
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	246	245	246	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	4	4
Sodium	ppm	4	3	<1	6
Potassium	ppm	<1	0	0	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	19	20	24	63
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	3	4	5	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	425	441	545	1957
Magnesium	ppm	29	43	37	25
Zinc	ppm	208	209	267	820
Phosphorus	ppm	863	939	1113	1043
Barium	ppm	2	0	0	2
Boron	ppm	149	145	188	79

Depot: SAIBIR

Unique No: 10848642

Signed: Sean Felton

Report Date: 30 Jan 2024



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GRAPHS

