



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP440681
Oil Type: Final Drive Oil
Job No:



SAMPLE INFORMATION

Sample Number	VCP440681	VCP434024	VCP416644	VCP410299
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	252	252	249	103
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	1
Sodium	ppm	2	2	0	2
Potassium	ppm	2	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	17	15	18	58
Copper	ppm	0	<1	0	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	3	4	5	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	118	122	154	319
Magnesium	ppm	31	42	35	10
Zinc	ppm	73	63	88	172
Phosphorus	ppm	839	936	1113	1081
Barium	ppm	<1	0	0	0
Boron	ppm	167	166	219	162

Depot: SAIBIR
Unique No: 10848644
Signed: Sean Felton
Report Date: 30 Jan 2024

VOLVO **GRAPHS**

