



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP440676
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP440676	VCP431664	VCP416643	VCP410001
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

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OIL CONDITION

Visc @ 40°C	cSt	252	249	253	103
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	4	1
Sodium	ppm	2	2	0	2
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	18	17	18	60
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	0	<1	<1	1
Molybdenum	ppm	3	4	6	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	119	128	185	323
Magnesium	ppm	30	44	36	10
Zinc	ppm	70	67	101	172
Phosphorus	ppm	850	989	1111	1088
Barium	ppm	<1	0	0	0
Boron	ppm	172	177	217	163

Depot: SAIBIR
Unique No: 10848640
Signed: Sean Felton
Report Date: 30 Jan 2024



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GRAPHS

