



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP440679
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP440679	VCP433639	VCP410908	VCP388261
Sample Date	18 Jan 2024	27 Sep 2023	20 Jun 2023	29 Nov 2022
Machine Hours	8521	8052	7542	7061
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	279	270	272	270
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	2
Sodium	ppm	2	1	0	0
Potassium	ppm	2	1	0	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	16	32	36	18
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	<1	1	<1
Molybdenum	ppm	6	2	2	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	102	76	88	85
Magnesium	ppm	34	12	14	12
Zinc	ppm	94	28	45	51
Phosphorus	ppm	757	933	1033	912
Barium	ppm	<1	0	0	0
Boron	ppm	133	149	186	154

Depot: SAIBIR
Unique No: 10848659
Signed: Sean Felton
Report Date: 30 Jan 2024



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GRAPHS

