



CONSTRUCTION EQUIPMENT

SWO-067232 VOLVO A60H 350067 - BOGIE/CENTER AXLE



Sample No: VCP431959
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067232



SAMPLE INFORMATION

Sample Number	VCP431959	VCP404726	VCP410202	VCP387910
Sample Date	03 Nov 2023	12 Jul 2023	31 Mar 2023	09 Nov 2022
Machine Hours	6403	5889	5382	4893
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	299	288	285	290
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CONTAMINATION

Silicon	ppm	8	3	3	2
Sodium	ppm	0	0	0	0
Potassium	ppm	0	1	<1	0



WEAR METALS

Iron	ppm	46	54	41	15
Copper	ppm	0	2	2	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	6	4	3	3
Nickel	ppm	0	<1	0	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	110	119	132	103
Magnesium	ppm	28	20	22	21
Zinc	ppm	66	70	79	23
Phosphorus	ppm	911	1004	959	883
Barium	ppm	0	0	0	0
Boron	ppm	187	166	164	156

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.

Depot: SAIBIR
Unique No: 10735607
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

