



CONSTRUCTION EQUIPMENT

SWO-067232 VOLVO A60H 350067 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP431956
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-067232



SAMPLE INFORMATION

Sample Number	VCP431956	VCP404723	VCP410179	VCP366088
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	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
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US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	298	287	286	289
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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	40	17
Copper	ppm	0	2	1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	<1
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	108	120	111	102
Magnesium	ppm	28	19	22	20
Zinc	ppm	65	71	68	22
Phosphorus	ppm	906	1001	956	859
Barium	ppm	0	0	0	0
Boron	ppm	188	165	164	151

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: 10735593
Signed: Sean Felton
Report Date: 10 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

