



CONSTRUCTION EQUIPMENT

SWO-066190 VOLVO A60H 340039 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP433639
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066190



SAMPLE INFORMATION

Sample Number	VCP433639	VCP410908	VCP388261	VCP365465
Sample Date	27 Sep 2023	20 Jun 2023	29 Nov 2022	15 Aug 2022
Machine Hours	8052	7542	7061	6529
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

4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207

Contact: STEPHANI BRITTON
sbritton@saiia.com;doug.bogart@wearcheck.com
T: (205)943-2268
F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	270	272	270	270
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CONTAMINATION

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



WEAR METALS

Iron	ppm	32	36	18	15
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	76	88	85	79
Magnesium	ppm	12	14	12	13
Zinc	ppm	28	45	51	47
Phosphorus	ppm	933	1033	912	928
Barium	ppm	0	0	0	<1
Boron	ppm	149	186	154	152

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: 10673235
Signed: Don Baldrige
Report Date: 04 Oct 2023



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VOLVO GRAPHS

