



CONSTRUCTION EQUIPMENT

SWO-069192 VOLVO A60H 340044 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP446685
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-069192



SAMPLE INFORMATION

Sample Number	VCP446685	VCP415566	VCP405240	VCP395107
Sample Date	01 Feb 2024	04 Aug 2023	11 May 2023	21 Feb 2023
Machine Hours	9302	8791	8303	7835
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
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	300	312	310	288
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	5	3	3
Sodium	ppm	0	0	0	<1
Potassium	ppm	<1	<1	<1	<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	31	17	12	38
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	0	1
Chromium	ppm	1	0	<1	1
Molybdenum	ppm	6	2	2	5
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	86	67	58	149
Magnesium	ppm	44	29	26	36
Zinc	ppm	82	67	62	88
Phosphorus	ppm	1019	1018	973	815
Barium	ppm	0	2	0	<1
Boron	ppm	181	197	180	129

Depot: SAIBIR
Unique No: 10872532
Signed: Don Baldrige
Report Date: 12 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

