



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - BOGIE/CENTER AXLE



Sample No: VCP441431
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP441431	VCP428977	VCP412574	VCP366096
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 Changd	Changed	Not Changd	Not Changd
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	283	271	270	271
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	2
Sodium	ppm	2	<1	<1	<1
Potassium	ppm	<1	<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	9	31	39	17
Copper	ppm	0	<1	0	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	<1	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	101	76	86	74
Magnesium	ppm	33	11	15	11
Zinc	ppm	95	27	45	43
Phosphorus	ppm	756	916	1017	844
Barium	ppm	<1	0	0	0
Boron	ppm	132	145	182	145

Depot: SAIBIR
Unique No: 10848657
Signed: Sean Felton
Report Date: 30 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

