



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP453693
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP453693	VCP440676	VCP431664	VCP416643
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	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	252	252	249	253
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	4
Sodium	ppm	<1	2	2	0
Potassium	ppm	2	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	26	18	17	18
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	5	3	4	6
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	<1	0	0	0



ADDITIVES

Calcium	ppm	153	119	128	185
Magnesium	ppm	30	30	44	36
Zinc	ppm	88	70	67	101
Phosphorus	ppm	1144	850	989	1111
Barium	ppm	0	<1	0	0
Boron	ppm	220	172	177	217

Depot: SAIBIR
Unique No: 11036097
Signed: Sean Felton
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

