



CONSTRUCTION EQUIPMENT

SWO-069193 VOLVO A60 A60H 340102 - REAR AXLE



Sample No: VCP446749
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069193



SAMPLE INFORMATION

Sample Number	VCP446749	VCP431988	VCP414282	VCP420409
Sample Date	01 Feb 2024	28 Sep 2023	11 Jul 2023	30 Mar 2023
Machine Hours	9767	9302	8821	8292
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ATTENTION	ATTENTION	ATTENTION

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	240	237	238	235
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	4	4
Sodium	ppm	0	2	0	0
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	62	71	56	54
Copper	ppm	<1	<1	1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	<1	<1	0
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	43	34	40	56
Magnesium	ppm	9	3	4	4
Zinc	ppm	12	8	17	29
Phosphorus	ppm	951	1208	1219	1099
Barium	ppm	5	0	0	0
Boron	ppm	198	260	198	218

Depot: SAIBIR
Unique No: 10863752
Signed: Jonathan Hester
Report Date: 08 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

