



CONSTRUCTION EQUIPMENT

SWO-069192 VOLVO A60H 340044 - FRONT LEFT FINAL DRIVE



Sample No: VCP446182
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-069192



SAMPLE INFORMATION

Sample Number	VCP446182	VCP414081	VCP410190	VCP394353
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	N/A	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	309	308	311	281
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	3	3	2
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	16	14	26
Copper	ppm	<1	<1	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	1	0	<1	<1
Molybdenum	ppm	4	2	2	6
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	69	61	56	125
Magnesium	ppm	38	31	28	42
Zinc	ppm	57	65	62	85
Phosphorus	ppm	1070	1029	986	799
Barium	ppm	0	2	0	<1
Boron	ppm	197	198	182	122

Depot: SAIBIR
Unique No: 10872534
Signed: Don Baldrige
Report Date: 12 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

