



CONSTRUCTION EQUIPMENT

SWO-072403 VOLVO A60H 340044 - REAR LEFT FINAL DRIVE



Sample No: VCP440076
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-072403



SAMPLE INFORMATION

Sample Number	VCP440076	VCP444506	VCP411893	VCP403625
Sample Date	31 May 2024	01 Feb 2024	04 Aug 2023	11 May 2023
Machine Hours	9784	9302	8791	8303
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	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	308	309	304	310
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	3	3
Sodium	ppm	0	0	0	0
Potassium	ppm	0	<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	33	31	17	12
Copper	ppm	0	<1	<1	0
Lead	ppm	0	<1	<1	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	2	4	2	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	71	62	61
Magnesium	ppm	41	38	32	30
Zinc	ppm	83	57	67	67
Phosphorus	ppm	1212	1117	1024	986
Barium	ppm	0	0	2	0
Boron	ppm	202	202	196	180

Depot: SAIBIR
Unique No: 11071126
Signed: Jonathan Hester
Report Date: 12 Jun 2024



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VOLVO GRAPHS

