



CONSTRUCTION EQUIPMENT

SWO-066190 VOLVO A60H 340039 - REAR LEFT FINAL DRIVE



Sample No: VCP433853
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066190



SAMPLE INFORMATION

Sample Number	VCP433853	VCP412505	VCP383820	VCP365464
Sample Date	27 Sep 2023	20 Jun 2023	29 Nov 2022	15 Aug 2022
Machine Hours	8052	7542	7061	6529
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	266	267	266	269
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CONTAMINATION

Silicon	ppm	1	2	2	2
Sodium	ppm	<1	<1	0	0
Potassium	ppm	1	0	0	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	4	15	10	8
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	1	3	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	50	97	94	87
Magnesium	ppm	7	16	14	14
Zinc	ppm	10	48	53	49
Phosphorus	ppm	593	994	931	893
Barium	ppm	0	0	0	1
Boron	ppm	88	183	161	152

Depot: SAIBIR
Unique No: 10673234
Signed: Don Baldrige
Report Date: 04 Oct 2023



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VOLVO GRAPHS

