



CONSTRUCTION EQUIPMENT

SWO-067232 VOLVO A60H 350067 - DROP BOX



Sample No: VCP433875
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067232



SAMPLE INFORMATION

Sample Number	VCP433875	VCP404959	VCP410126	VCP365634
Sample Date	03 Nov 2023	12 Jul 2023	31 Mar 2023	09 Nov 2022
Machine Hours	6403	5889	5382	4893
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
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	307	316	309	296
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	3	4	4	3
Sodium	ppm	1	5	6	5
Potassium	ppm	0	2	<1	0



WEAR METALS

Iron	ppm	8	18	12	11
Copper	ppm	0	2	4	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	5	3	2	3
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	72	79	100	76
Magnesium	ppm	14	10	13	12
Zinc	ppm	63	77	83	30
Phosphorus	ppm	888	922	878	809
Barium	ppm	0	0	0	0
Boron	ppm	169	141	145	142

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.

Depot: SAIBIR
Unique No: 10735606
Signed: Sean Felton
Report Date: 10 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

