



CONSTRUCTION EQUIPMENT

SWO-063883 VOLVO A60H 350067 - FRONT RIGHT FINAL DRIVE



Sample No: VCP404963
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-063883



SAMPLE INFORMATION

Sample Number	VCP404963	VCP410201	VCP388704	VCP373439
Sample Date	12 Jul 2023	31 Mar 2023	09 Nov 2022	02 Aug 2022
Machine Hours	5889	5382	4893	4363
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	288	284	280	290
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	2	3	2	2
Sodium	ppm	0	0	0	<1
Potassium	ppm	1	<1	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	39	30	13	8
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	3	3	2	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	119	105	96	111
Magnesium	ppm	19	21	20	23
Zinc	ppm	70	65	20	72
Phosphorus	ppm	1014	945	857	1020
Barium	ppm	0	0	0	2
Boron	ppm	178	171	157	172

Depot: SAIBIR
Unique No: 10561650
Signed: Sean Felton
Report Date: 19 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

