



CONSTRUCTION EQUIPMENT

SWO-065604 VOLVO A60H 350187 - FRONT RIGHT FINAL DRIVE



Sample No: VCP433462
Oil Type: NOT GIVEN
Job No: SWO-065604



SAMPLE INFORMATION

Sample Number	VCP433462	VCP402212	VCP384139	VCP357784
Sample Date	06 Sep 2023	28 Feb 2023	14 Oct 2022	08 Aug 2022
Machine Hours	2021	1556	1098	537
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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	49.4	49.7	49.9	50.3
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CONTAMINATION

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

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	57	99	102	89
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	0	1
Chromium	ppm	<1	2	1	2
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	3	7	8	7
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	343	399	338	355
Magnesium	ppm	1	5	0	2
Zinc	ppm	159	158	145	165
Phosphorus	ppm	2423	2109	2196	2402
Barium	ppm	0	0	0	2
Boron	ppm	281	275	264	302

Depot: SAIBIR
Unique No: 10646456
Signed: Angela Borella
Report Date: 18 Sep 2023



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GRAPHS

