



CONSTRUCTION EQUIPMENT

SWO-069775 VOLVO A60H 350021 - BRAKE



Sample No: VCP416170
Oil Type: VOLVO WB 101
Job No: SWO-069775



SAMPLE INFORMATION

Sample Number	VCP416170	VCP427447	VCP408965	VCP401124
Sample Date	15 Feb 2024	25 Sep 2023	12 Jun 2023	03 Mar 2023
Machine Hours	7887	7398	6877	6375
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	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	49.7	47.7	48.2	50.3
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	14	16	17
Sodium	ppm	5	4	2	5
Potassium	ppm	<1	<1	2	<1

Diagnosis

No corrective action is recommended at this time. The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	30	26	27	26
Copper	ppm	267	253	266	232
Lead	ppm	1	<1	<1	4
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	5	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	4	5	5
Nickel	ppm	3	3	3	3
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3160	3334	3313	3333
Magnesium	ppm	48	50	45	49
Zinc	ppm	1306	1449	1337	1291
Phosphorus	ppm	1151	1200	1159	1059
Barium	ppm	0	0	2	0
Boron	ppm	95	106	103	97

Depot: SAIBIR
Unique No: 10900256
Signed: Jonathan Hester
Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

