



CONSTRUCTION EQUIPMENT

VOLVO A60H 350 190 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP442373

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP442373	VCP447577	VCP433933	VCP395368
Sample Date	15 Apr 2024	12 Dec 2023	05 Sep 2023	05 May 2023
Machine Hours	3617	3131	2618	2128
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	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	48.5	48.6	48.6	48.5
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	2	2	2	2
Potassium	ppm	0	0	1	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	97	64	96	96
Copper	ppm	1	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	1	<1	2	2
Molybdenum	ppm	1	<1	<1	2
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	2	5	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	282	278	296	293
Magnesium	ppm	0	0	1	1
Zinc	ppm	116	121	127	133
Phosphorus	ppm	2246	2287	2351	2412
Barium	ppm	0	0	0	0
Boron	ppm	276	273	298	275

Depot: SAIBIR

Unique No: 11004055

Signed: Jonathan Hester

Report Date: 01 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

