



CONSTRUCTION EQUIPMENT

SWO-068207 VOLVO A60H 350190 - FRONT LEFT FINAL DRIVE



Sample No: VCP428697
Oil Type: NOT GIVEN
Job No: SWO-068207



SAMPLE INFORMATION

Sample Number	VCP428697	VCP433954	VCP395374	VCP389230
Sample Date	12 Dec 2023	05 Sep 2023	05 May 2023	28 Sep 2022
Machine Hours	3131	2618	2128	1183
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
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	48.6	49.1	48.6	49.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	3
Sodium	ppm	2	3	2	3
Potassium	ppm	1	3	2	0

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	102	180	172	114
Copper	ppm	<1	<1	<1	1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	3	3	1
Molybdenum	ppm	<1	<1	2	3
Nickel	ppm	0	<1	1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	5	5	4
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	313	371	327	322
Magnesium	ppm	<1	2	<1	0
Zinc	ppm	146	159	148	132
Phosphorus	ppm	2293	2328	2396	2464
Barium	ppm	0	0	0	0
Boron	ppm	266	288	269	290

Depot: SAIBIR
Unique No: 10793437
Signed: Don Baldrige
Report Date: 20 Dec 2023



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GRAPHS

