



CONSTRUCTION EQUIPMENT

SWO-065604 VOLVO A60H 350187 - REAR LEFT FINAL DRIVE



Sample No: VCP428918
Oil Type: NOT GIVEN
Job No: SWO-065604



SAMPLE INFORMATION

Sample Number	VCP428918	VCP402487	VCP384147	VCP362954
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	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	49.1	50.1	50.1	50.1
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CONTAMINATION

Silicon	ppm	2	2	3	8
Sodium	ppm	2	2	1	0
Potassium	ppm	4	<1	0	1



WEAR METALS

Iron	ppm	57	110	102	14
Copper	ppm	3	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	<1	0	3
Chromium	ppm	<1	2	2	0
Molybdenum	ppm	<1	3	3	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	7	6	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	315	353	331	57
Magnesium	ppm	2	5	0	13
Zinc	ppm	154	145	140	37
Phosphorus	ppm	2456	2144	2158	907
Barium	ppm	0	0	0	2
Boron	ppm	272	289	264	167

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.

Depot: SAIBIR
Unique No: 10646448
Signed: Angela Borella
Report Date: 18 Sep 2023



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GRAPHS

