



CONSTRUCTION EQUIPMENT

SWO-065604 VOLVO A60H 350187 - FRONT AXLE



Sample No: VCP428998
Oil Type: NOT GIVEN
Job No: SWO-065604



SAMPLE INFORMATION

Sample Number	VCP428998	VCP402164	VCP388248	VCP374006
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

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OIL CONDITION

Visc @ 40°C	cSt	49.6	50.4	49.7	50.3
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CONTAMINATION

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



WEAR METALS

Iron	ppm	58	96	100	79
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	2
Chromium	ppm	<1	2	<1	2
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	3	7	8	6
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	346	333	325	351
Magnesium	ppm	1	4	0	2
Zinc	ppm	160	140	139	164
Phosphorus	ppm	2464	2061	2146	2403
Barium	ppm	0	0	0	2
Boron	ppm	287	273	259	302

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: 10646458
Signed: Angela Borella
Report Date: 18 Sep 2023



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GRAPHS

