



CONSTRUCTION EQUIPMENT

VOLVO A60H 350190 - BRAKE



Sample No: VCP434747
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP434747	VCP395254	VCP388382	VCP391114
Sample Date	05 Sep 2023	05 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2618	2128	1651	1183
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC
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OIL CONDITION

Visc @ 40°C	cSt	41.7	42.1	40.1	41.3
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CONTAMINATION

Silicon	ppm	21	31	19	21
Sodium	ppm	13	14	11	12
Potassium	ppm	1	1	<1	0



WEAR METALS

Iron	ppm	54	94	44	36
Copper	ppm	432	367	294	237
Lead	ppm	<1	<1	<1	24
Tin	ppm	<1	<1	0	1
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	0	<1	<1	2
Nickel	ppm	4	4	3	4
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	4	6	4	4
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	3884	4562	3652	3875
Magnesium	ppm	16	18	13	14
Zinc	ppm	1431	1640	1433	1547
Phosphorus	ppm	1270	1341	1219	1442
Barium	ppm	0	0	0	0
Boron	ppm	142	157	123	132

Diagnosis

No corrective action is recommended at this time. 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.

Depot: SAIBIR
Unique No: 10643541
Signed: Doug Bogart
Report Date: 13 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

