



CONSTRUCTION EQUIPMENT

SWO073151 VOLVO A60H 350021 - BRAKE



Sample No: VCP443918
Oil Type: VOLVO WB 101
Job No: SWO073151



SAMPLE INFORMATION

Sample Number	VCP443918	VCP416170	VCP427447	VCP408965
Sample Date	26 Jun 2024	15 Feb 2024	25 Sep 2023	12 Jun 2023
Machine Hours	8427	7887	7398	6877
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	49.3	49.7	47.7	48.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	16	14	16
Sodium	ppm	5	5	4	2
Potassium	ppm	1	<1	<1	2

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.



WEAR METALS

Iron	ppm	24	30	26	27
Copper	ppm	229	267	253	266
Lead	ppm	1	1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	2	5	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	6	3	4	5
Nickel	ppm	3	3	3	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3442	3160	3334	3313
Magnesium	ppm	53	48	50	45
Zinc	ppm	1407	1306	1449	1337
Phosphorus	ppm	1287	1151	1200	1159
Barium	ppm	0	0	0	2
Boron	ppm	104	95	106	103

Depot: SAIBIR
Unique No: 11114020
Signed: Don Baldrige
Report Date: 10 Jul 2024



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GRAPHS

