



CONSTRUCTION EQUIPMENT

SWO-071570 VOLVO A40G 341023 - BRAKE



Sample No: VCP454498
Oil Type: {unknown}
Job No: SWO-071570



SAMPLE INFORMATION

Sample Number	VCP454498	VCP447531	VCP435382	VCP408972
Sample Date	01 May 2024	27 Dec 2023	20 Sep 2023	13 Jun 2023
Machine Hours	9466	8960	8472	7952
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Changed
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.3	50.3	53.1	50.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	10	15	15
Sodium	ppm	3	0	2	1
Potassium	ppm	0	0	1	1

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	26	16	19	24
Copper	ppm	334	373	292	400
Lead	ppm	7	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	3	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	4	0	4	3
Nickel	ppm	4	0	4	5
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	0	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3337	3448	3181	3178
Magnesium	ppm	48	41	41	33
Zinc	ppm	1496	1388	1322	1325
Phosphorus	ppm	1255	1218	1085	1149
Barium	ppm	0	4	0	2
Boron	ppm	104	99	93	89

Depot: SAIBIR
Unique No: 11020311
Signed: Angela Borella
Report Date: 13 May 2024



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VOLVO GRAPHS

