



CONSTRUCTION EQUIPMENT

SWO-066738 VOLVO A45G 352639 - TRANSMISSION (AUTO)



Sample No: VCP431954
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWO-066738



SAMPLE INFORMATION

Sample Number	VCP431954	VCP416374	VCP410475	VCP397101
Sample Date	23 Oct 2023	07 Aug 2023	12 May 2023	17 Feb 2023
Machine Hours	4956	4377	3923	3418
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	28.9	28.5	28.9	28.9
-------------	-----	-------------	------	------	------



CONTAMINATION

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



WEAR METALS

Iron	ppm	10	8	16	12
Copper	ppm	7	5	13	10
Lead	ppm	<1	0	0	0
Tin	ppm	1	<1	2	<1
Aluminum	ppm	4	4	7	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	1	<1	2	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	83	81	94	77
Magnesium	ppm	3	3	2	6
Zinc	ppm	7	9	15	21
Phosphorus	ppm	198	178	190	162
Barium	ppm	0	0	0	0
Boron	ppm	95	86	89	92

Diagnosis

Resample at the next service interval to monitor. All 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: 10715077
Signed: Angela Borella
Report Date: 31 Oct 2023

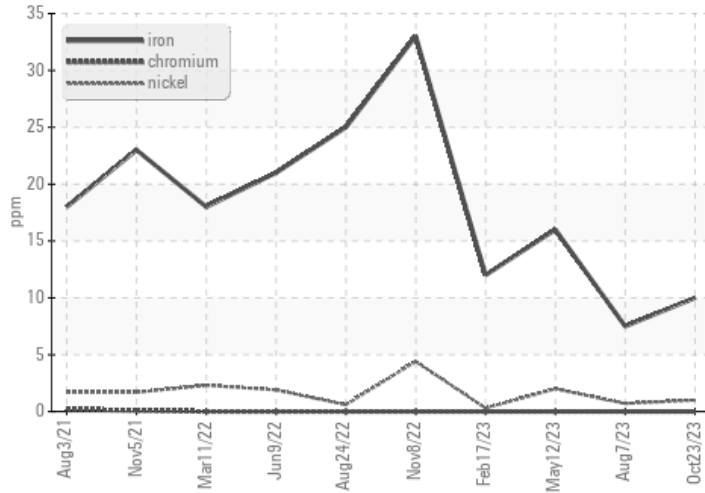


CONSTRUCTION EQUIPMENT

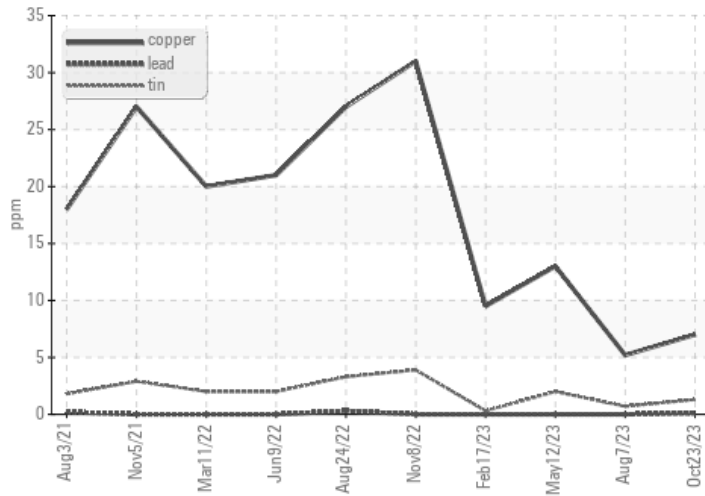


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

