



CONSTRUCTION EQUIPMENT

VOLVO A25G 742 178 - TRANSMISSION (AUTO)



Sample No: VCP0008169

Oil Type: VOLVO AT 102

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008169	VCP425489	VCP317341	VCP293534
Sample Date	05 Apr 2024	23 Jun 2023	08 Jul 2021	14 Nov 2020
Machine Hours	0	3810	2334	1114
Oil Hours	0	0	0	1114
Oil Changed	N/A	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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T: (904)737-6000
F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	28.6	28.3	30.4	28.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	13	12
Sodium	ppm	3	4	8	5
Potassium	ppm	3	4	3	14



WEAR METALS

Iron	ppm	16	28	41	28
Copper	ppm	11	17	32	18
Lead	ppm	<1	1	0	1
Tin	ppm	3	5	8	5
Aluminum	ppm	10	19	30	24
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	2	3	4	2
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	4	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	127	89	150	161
Magnesium	ppm	1	6	<1	<1
Zinc	ppm	23	2	4	8
Phosphorus	ppm	240	198	250	272
Barium	ppm	<1	0	0	<1
Boron	ppm	84	76	86	81

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: VOLVO0092
Unique No: 10968265
Signed: Wes Davis
Report Date: 10 Apr 2024

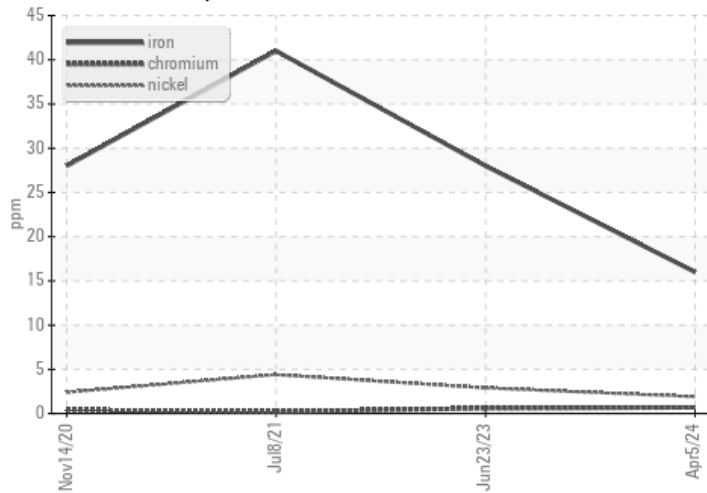


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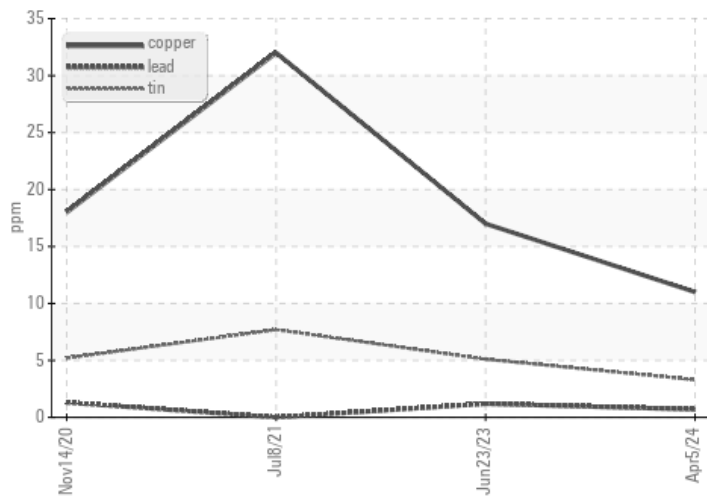


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

