



# CONSTRUCTION EQUIPMENT

## W07013955-1 STANLEY VOLVO A35G 3420Z1 - TRANSMISSION (AUTO)



**Sample No:** VCP413921  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT10Z  
**Job No:** W07013955-1 STANLEY



### SAMPLE INFORMATION

Sample Number	<b>VCP413921</b>	VCP372934	VCP338699	VCP240580
Sample Date	<b>19 Dec 2023</b>	26 Jul 2022	16 Dec 2021	25 Jul 2019
Machine Hours	<b>8036</b>	6269	5136	1912
Oil Hours	<b>0</b>	0	5136	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.0</b>	28.3	27.9	26.58
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	4	4	16
Sodium	ppm	<b>5</b>	1	4	4
Potassium	ppm	<b>&lt;1</b>	0	0	5

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>21</b>	18	21	53
Copper	ppm	<b>12</b>	12	11	40
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>2</b>	3	2	2
Aluminum	ppm	<b>13</b>	14	12	24
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>2</b>	2	0	4
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>86</b>	82	75	112
Magnesium	ppm	<b>&lt;1</b>	0	0	0
Zinc	ppm	<b>1</b>	7	4	15
Phosphorus	ppm	<b>214</b>	191	168	150
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>103</b>	97	84	62

**Depot:** VOLVO8882  
**Unique No:** 10804225  
**Signed:** Jonathan Hester  
**Report Date:** 27 Dec 2023

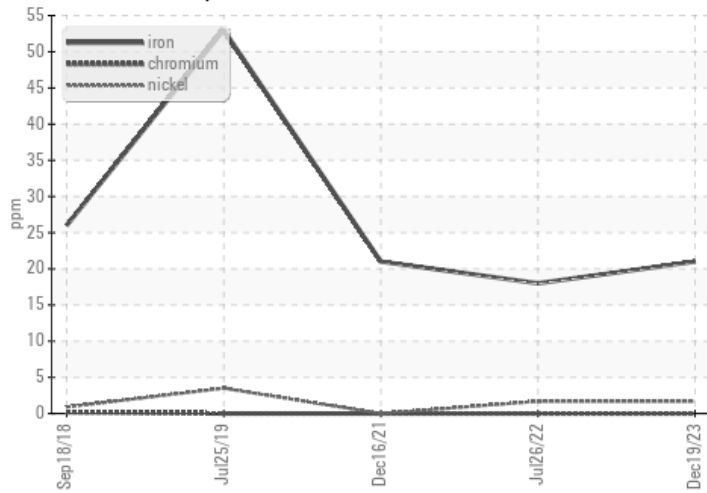


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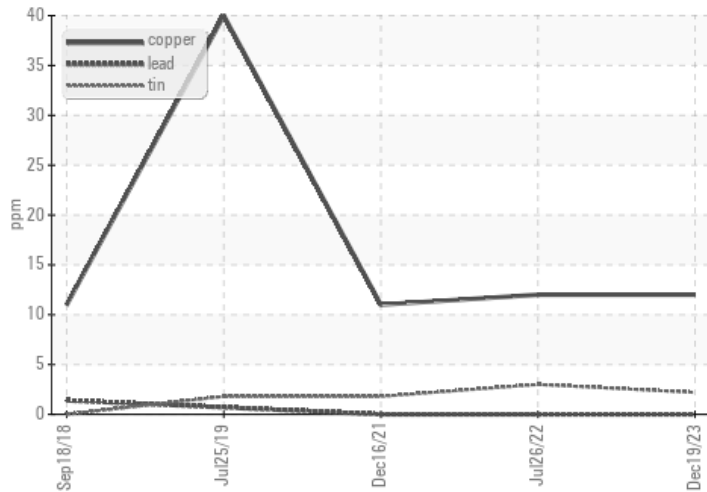


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

