



# CONSTRUCTION EQUIPMENT

## TRIPLE M 393078 VOLVO A30G 752850 - FRONT AXLE



**Sample No:** VCP448196  
**Oil Type:** VOLVO WB 102  
**Job No:** 393078



### SAMPLE INFORMATION

Sample Number	<b>VCP448196</b>	VCP380260	VCP381011	VCP382117
Sample Date	<b>06 Feb 2024</b>	06 Oct 2023	21 Feb 2023	01 Feb 2023
Machine Hours	<b>17773</b>	4419	1212	785
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	N/A	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.  
 Burlington, ON  
 CA L7L 4Y1  
 Contact: Sue Hooton  
 shooton@strongco.com  
 T: (905)331-3835  
 F: (905)643-6077



### OIL CONDITION

Visc @ 40°C	cSt	<b>138</b>	137	124	86.8
-------------	-----	------------	-----	-----	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	1	5
Sodium	ppm	0	<1	<1	1
Potassium	ppm	<1	1	1	4



### WEAR METALS

Iron	ppm	57	47	26	131
Copper	ppm	2	4	3	11
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	0	<1	2	11
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	1	<1	2	7
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	21	24	267	1131
Magnesium	ppm	<1	1	2	3
Zinc	ppm	9	12	107	410
Phosphorus	ppm	1037	1012	1163	1450
Barium	ppm	0	<1	<1	4
Boron	ppm	169	172	183	234

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0252  
**Unique No:** 5724236  
**Signed:** Wes Davis  
**Report Date:** 14 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

