



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742110 - TRANSMISSION (AUTO)



**Sample No:** VCP407835  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP407835</b>	VCP386654	VCP386070	VCP345805
Sample Date	<b>06 Jun 2023</b>	29 Nov 2022	10 Sep 2022	20 Jan 2022
Machine Hours	<b>10602</b>	9561	9156	7720
Oil Hours	<b>0</b>	1000	700	1000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	ABNORMAL

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
rturner@ripatampa.com  
T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.5</b>	28.1	28.0	28.0
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### CONTAMINATION

Silicon	ppm	<b>3</b>	9	6	5
Sodium	ppm	<b>3</b>	4	5	4
Potassium	ppm	<b>0</b>	2	2	0



### WEAR METALS

Iron	ppm	<b>24</b>	40	39	33
Copper	ppm	<b>10</b>	6	25	24
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>1</b>	<1	6	5
Aluminum	ppm	<b>13</b>	7	24	21
Chromium	ppm	<b>0</b>	<1	<1	0
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>1</b>	<1	4	2
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	4	1	<1
Vanadium	ppm	<b>0</b>	0	1	0



### ADDITIVES

Calcium	ppm	<b>67</b>	81	87	87
Magnesium	ppm	<b>0</b>	3	0	0
Zinc	ppm	<b>0</b>	0	0	0
Phosphorus	ppm	<b>191</b>	204	181	208
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>89</b>	78	70	91

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** RIPTAM  
**Unique No:** 10552376  
**Signed:** Don Baldrige  
**Report Date:** 14 Jul 2023



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## VOLVO GRAPHS

