



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - WET DISC BRAKE



**Sample No:** VCP446672  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP446672</b>	VCP445623	VCP437591	VCP434370
Sample Date	<b>28 Jun 2024</b>	22 Apr 2024	26 Feb 2024	08 Nov 2023
Machine Hours	<b>6651</b>	6403	6109	5775
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	ABNORMAL

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	<b>47.0</b>	44.4	44.5	45.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>18</b>	5	7	15
Sodium	ppm	<b>6</b>	2	2	4
Potassium	ppm	<b>1</b>	0	0	0

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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>27</b>	17	16	16
Copper	ppm	<b>513</b>	8	7	429
Lead	ppm	<b>1</b>	3	3	6
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	0	<1	0
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	1	<1	0
Nickel	ppm	<b>1</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	0	0	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3503</b>	141	81	3009
Magnesium	ppm	<b>12</b>	4	2	11
Zinc	ppm	<b>1354</b>	431	410	1172
Phosphorus	ppm	<b>1327</b>	355	361	1082
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>105</b>	0	<1	94

**Depot:** VOLVO0090  
**Unique No:** 11114028  
**Signed:** Don Baldrige  
**Report Date:** 10 Jul 2024

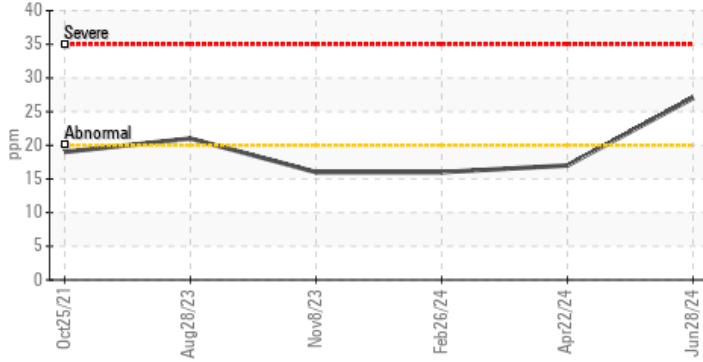


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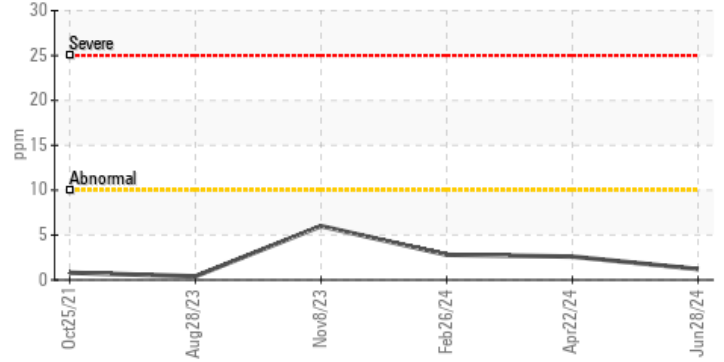


## GRAPHS

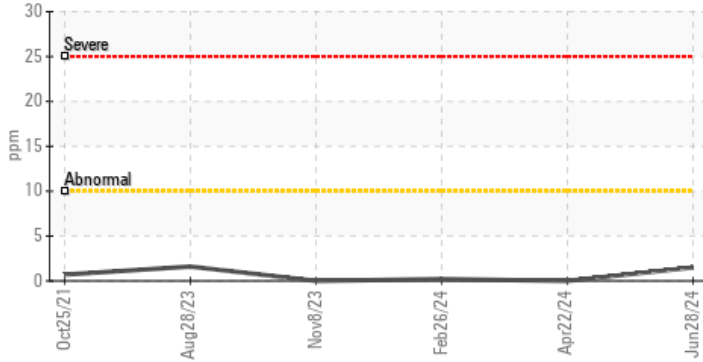
### Iron (ppm)



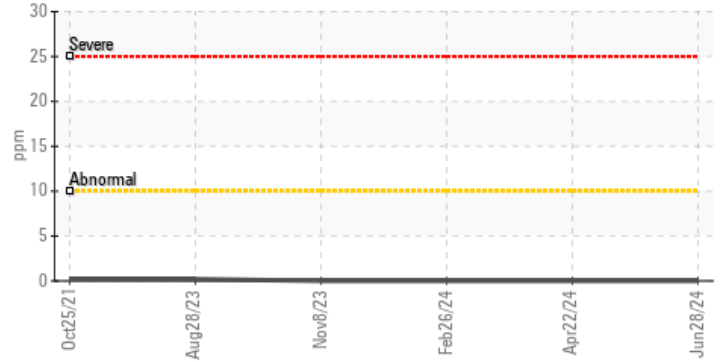
### Lead (ppm)



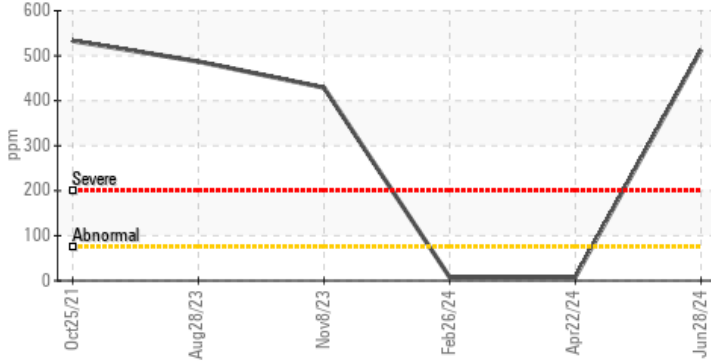
### Aluminum (ppm)



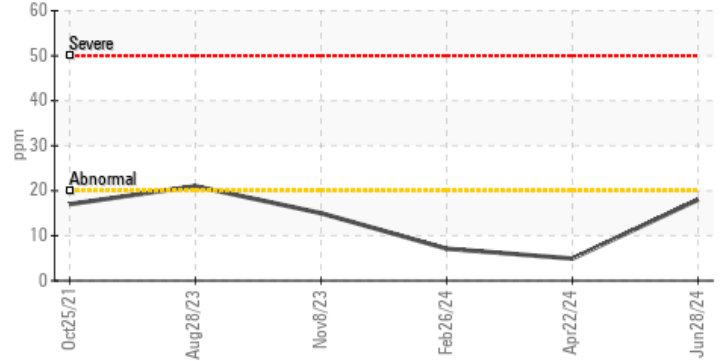
### Chromium (ppm)



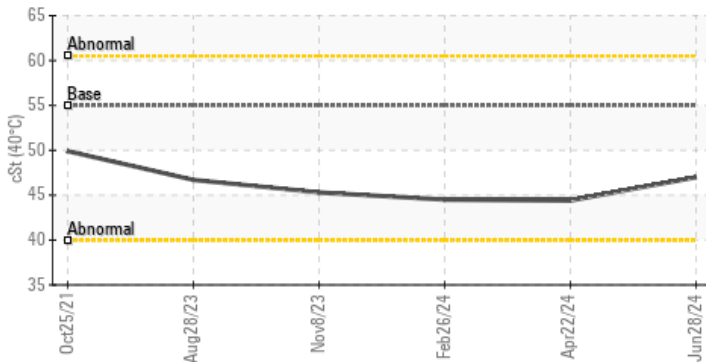
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

