



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352497 - WET DISC BRAKE



**Sample No:** VCP451105  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:**



**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



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP451105   | --- | --- | --- |
| Sample Date   | 16 May 2024 | --- | --- | --- |
| Machine Hours | 5924        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |



### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 40.2 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 18 | --- | --- | --- |
| Sodium    | ppm | █ 7  | --- | --- | --- |
| Potassium | ppm | █ 1  | --- | --- | --- |



### WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | ▲ 24  | --- | --- | --- |
| Copper     | ppm | ▲ 251 | --- | --- | --- |
| Lead       | ppm | █ 2   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 1   | --- | --- | --- |
| Chromium   | ppm | █ <1  | --- | --- | --- |
| Molybdenum | ppm | █ <1  | --- | --- | --- |
| Nickel     | ppm | █ 5   | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | <1    | --- | --- | --- |
| Manganese  | ppm | █ 2   | --- | --- | --- |
| Vanadium   | ppm | <1    | --- | --- | --- |



### ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 3605 | --- | --- | --- |
| Magnesium  | ppm | █ 4    | --- | --- | --- |
| Zinc       | ppm | █ 1473 | --- | --- | --- |
| Phosphorus | ppm | █ 1319 | --- | --- | --- |
| Barium     | ppm | █ 0    | --- | --- | --- |
| Boron      | ppm | █ 84   | --- | --- | --- |

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0090  
**Unique No:** 11035990  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024

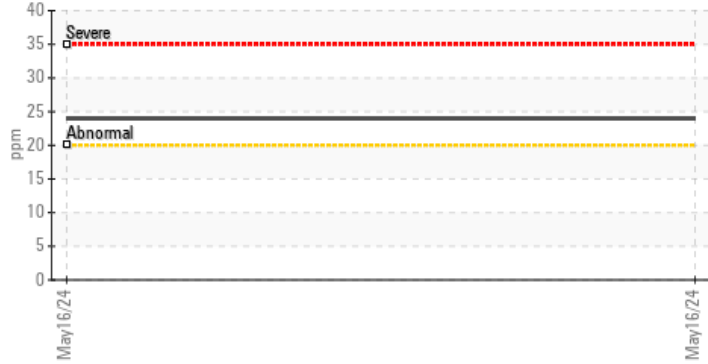


# CONSTRUCTION EQUIPMENT

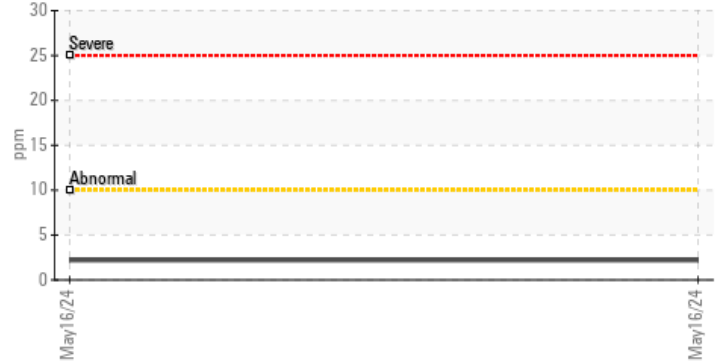


## VOLVO GRAPHS

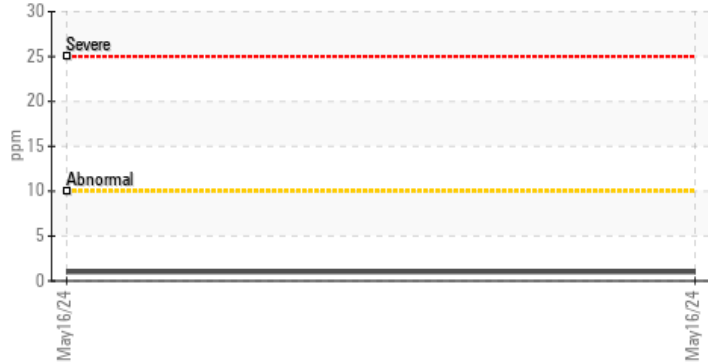
### ▲ Iron (ppm)



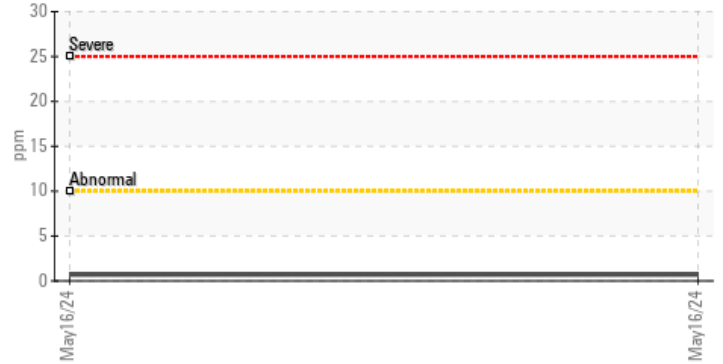
### Lead (ppm)



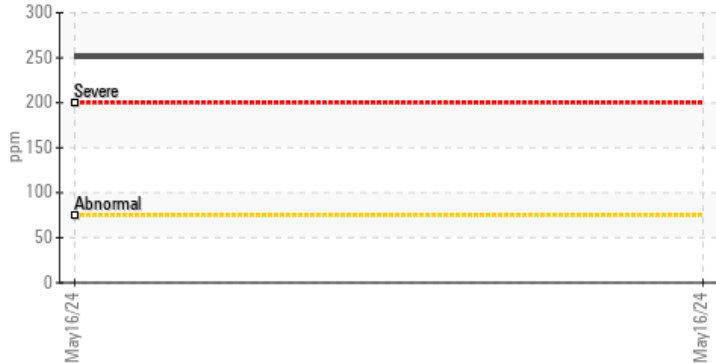
### Aluminum (ppm)



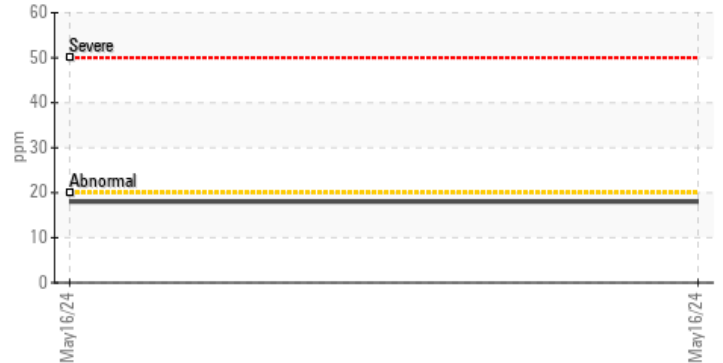
### Chromium (ppm)



### ▲ Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

