



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752542 - HYDRAULIC SYSTEM



**Sample No:** VCP0008735

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP0008735  | --- | --- | --- |
| Sample Date   | 21 Jun 2024 | --- | --- | --- |
| Machine Hours | 631         | --- | --- | --- |
| Oil Hours     | 631         | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256  
 Contact: TECHNICIAN ACCOUNT  
 catherine.anastasio@wearcheck.com  
 T:  
 F: (904)737-1260



### OIL CONDITION

|                  |          |        |     |     |     |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 40°C      | cSt      | █ 47.4 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.49 | --- | --- | --- |



### CONTAMINATION

|                   |     |          |     |     |     |
|-------------------|-----|----------|-----|-----|-----|
| Water             | %   | NEG      | --- | --- | --- |
| Particles >4µm    |     | █ 15571  | --- | --- | --- |
| Particles >6µm    |     | ● 5033   | --- | --- | --- |
| Particles >14µm   |     | ▲ 374    | --- | --- | --- |
| ISO 4406:1999 (c) |     | 21/20/16 | --- | --- | --- |
| Silicon           | ppm | █ <1     | --- | --- | --- |
| Sodium            | ppm | █ <1     | --- | --- | --- |
| Potassium         | ppm | █ <1     | --- | --- | --- |

### Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



### WEAR METALS

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Iron       | ppm | █ 0 | --- | --- | --- |
| Copper     | ppm | █ 0 | --- | --- | --- |
| Lead       | ppm | █ 0 | --- | --- | --- |
| Tin        | ppm | █ 0 | --- | --- | --- |
| Aluminum   | ppm | █ 0 | --- | --- | --- |
| Chromium   | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | 0   | --- | --- | --- |
| Nickel     | ppm | █ 0 | --- | --- | --- |
| Titanium   | ppm | 0   | --- | --- | --- |
| Silver     | ppm | 0   | --- | --- | --- |
| Manganese  | ppm | 0   | --- | --- | --- |
| Vanadium   | ppm | 0   | --- | --- | --- |



### ADDITIVES

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Calcium    | ppm | 55  | --- | --- | --- |
| Magnesium  | ppm | <1  | --- | --- | --- |
| Zinc       | ppm | 442 | --- | --- | --- |
| Phosphorus | ppm | 351 | --- | --- | --- |
| Barium     | ppm | 0   | --- | --- | --- |
| Boron      | ppm | 0   | --- | --- | --- |

**Depot:** VOLVO0092  
**Unique No:** 11110833  
**Signed:** Wes Davis  
**Report Date:** 05 Jul 2024

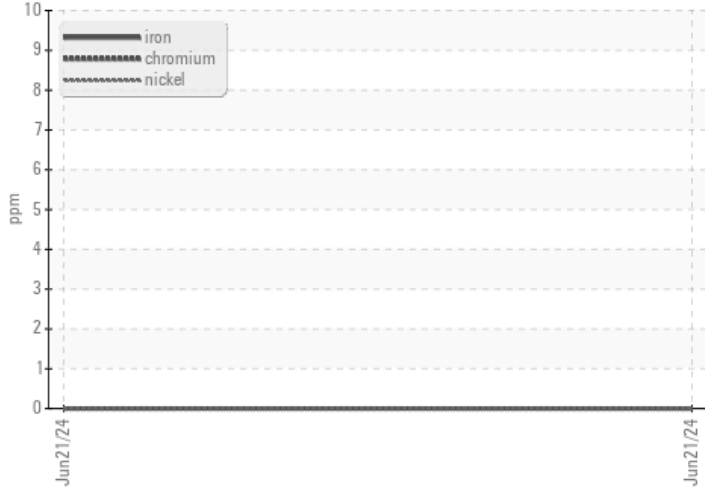


# CONSTRUCTION EQUIPMENT

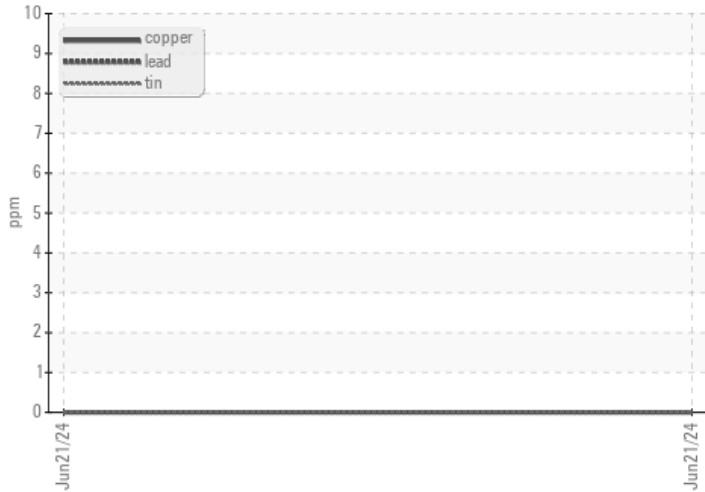


## GRAPHS

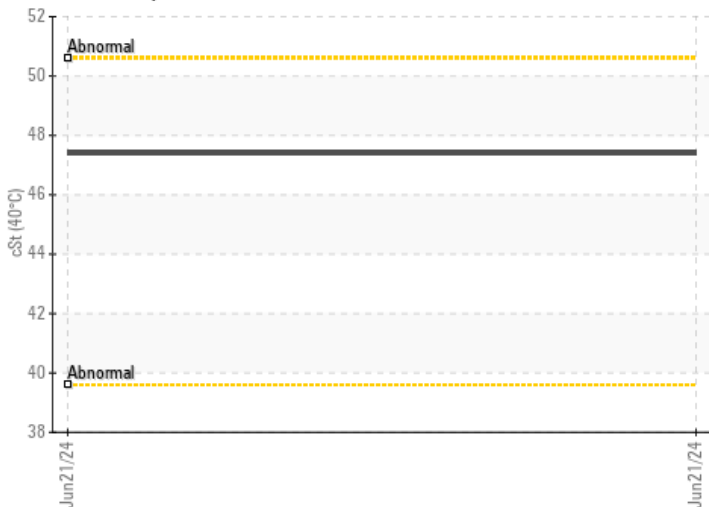
### Ferrous Alloys



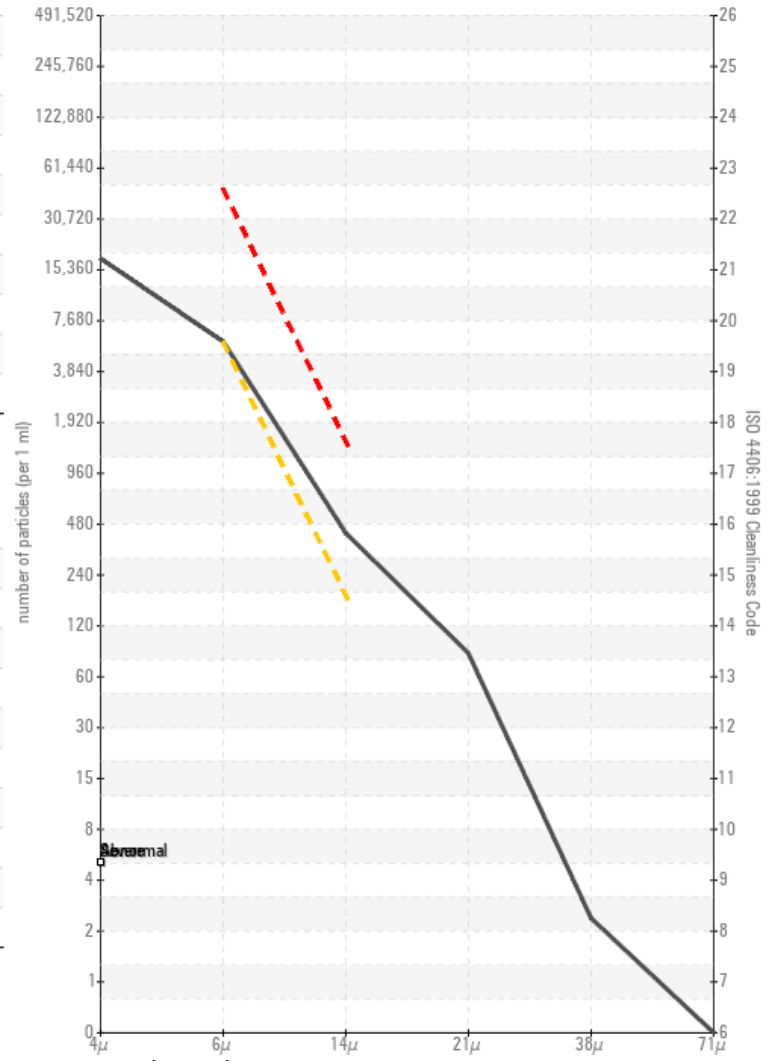
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

