



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352004 - DROP BOX



**Sample No:** VCP0008443  
**Oil Type:** GEAR OIL SAE 80  
**Job No:**



**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256  
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### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP0008443  | --- | --- | --- |
| Sample Date   | 19 Jun 2024 | --- | --- | --- |
| Machine Hours | 1032        | --- | --- | --- |
| Oil Hours     | 1032        | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 81.4 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | ■ 11 | --- | --- | --- |
| Sodium    | ppm | ■ 2  | --- | --- | --- |
| Potassium | ppm | ■ 2  | --- | --- | --- |



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | ■ 43 | --- | --- | --- |
| Copper     | ppm | ■ 13 | --- | --- | --- |
| Lead       | ppm | ■ <1 | --- | --- | --- |
| Tin        | ppm | ■ 0  | --- | --- | --- |
| Aluminum   | ppm | ■ 7  | --- | --- | --- |
| Chromium   | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 5  | --- | --- | --- |
| Nickel     | ppm | ■ <1 | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | ■ 2  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | ■ 119 | --- | --- | --- |
| Magnesium  | ppm | ■ 8   | --- | --- | --- |
| Zinc       | ppm | ■ 53  | --- | --- | --- |
| Phosphorus | ppm | 794   | --- | --- | --- |
| Barium     | ppm | ■ 0   | --- | --- | --- |
| Boron      | ppm | ■ 47  | --- | --- | --- |

### Diagnosis

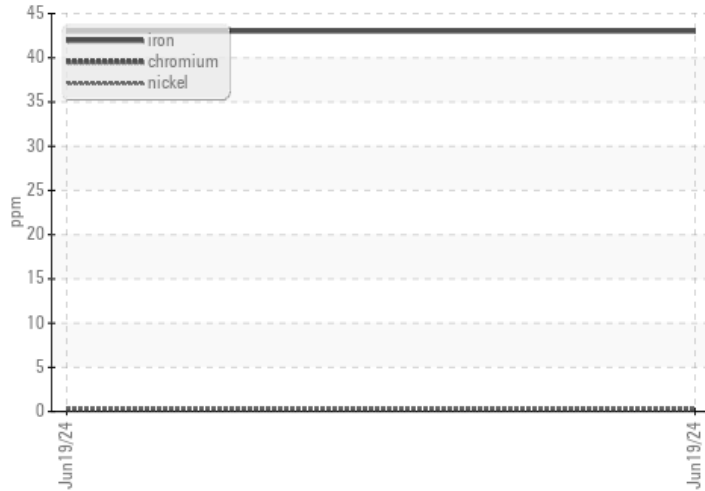
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0092  
**Unique No:** 11100853  
**Signed:** Jonathan Hester  
**Report Date:** 01 Jul 2024

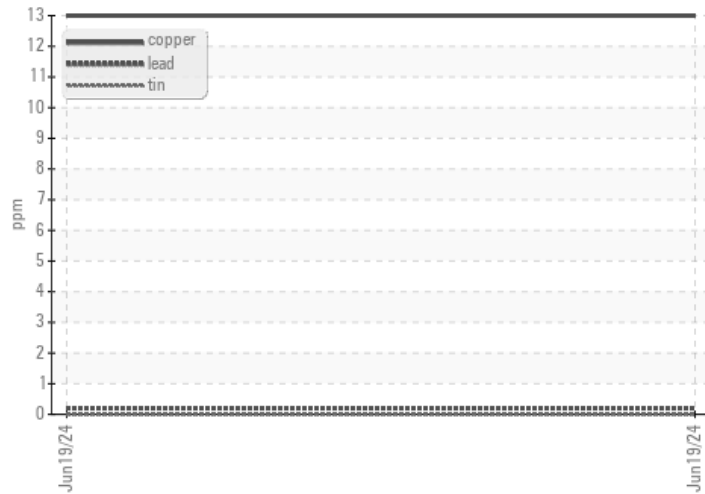


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

