



# CONSTRUCTION EQUIPMENT

RSM 376667 VOLVO A30G 752845 - HYDRAULIC SYSTEM



**Sample No:** VCP129026  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 376667



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP129026   | --- | --- | --- |
| Sample Date   | 01 Sep 2023 | --- | --- | --- |
| Machine Hours | 592         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Changed | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

**STRONGCO INC**  
1575 RUE BERSIMIS  
CHICOUTIMI, QC  
CA G7K 1G9  
Contact: Mario Tremblay  
mtremblay@strongco.com  
T: (418)690-1724  
F: (418)690-5002

## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 47.3 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

## CONTAMINATION

|                   |     |            |     |     |     |
|-------------------|-----|------------|-----|-----|-----|
| Particles >4µm    |     | █ 10944    | --- | --- | --- |
| Particles >6µm    |     | █ 2161     | --- | --- | --- |
| Particles >14µm   |     | █ 61       | --- | --- | --- |
| ISO 4406:1999 (c) |     | █ 21/18/13 | --- | --- | --- |
| Silicon           | ppm | █ 3        | --- | --- | --- |
| Sodium            | ppm | █ <1       | --- | --- | --- |
| Potassium         | ppm | █ <1       | --- | --- | --- |

## Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.

## WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 2  | --- | --- | --- |
| Copper     | ppm | █ 2  | --- | --- | --- |
| Lead       | ppm | █ <1 | --- | --- | --- |
| 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 | █ 54  | --- | --- | --- |
| Magnesium  | ppm | █ <1  | --- | --- | --- |
| Zinc       | ppm | █ 417 | --- | --- | --- |
| Phosphorus | ppm | █ 344 | --- | --- | --- |
| Barium     | ppm | █ 0   | --- | --- | --- |
| Boron      | ppm | █ <1  | --- | --- | --- |

**Depot:** VOLVO0230  
**Unique No:** 5633762  
**Signed:** Wes Davis  
**Report Date:** 07 Sep 2023

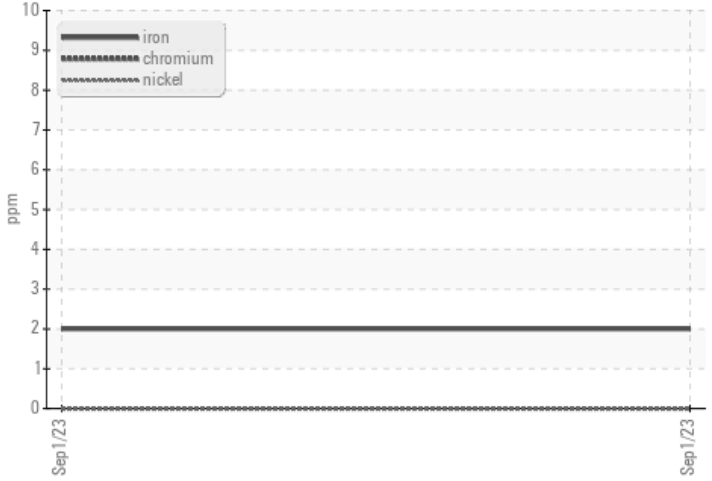


# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

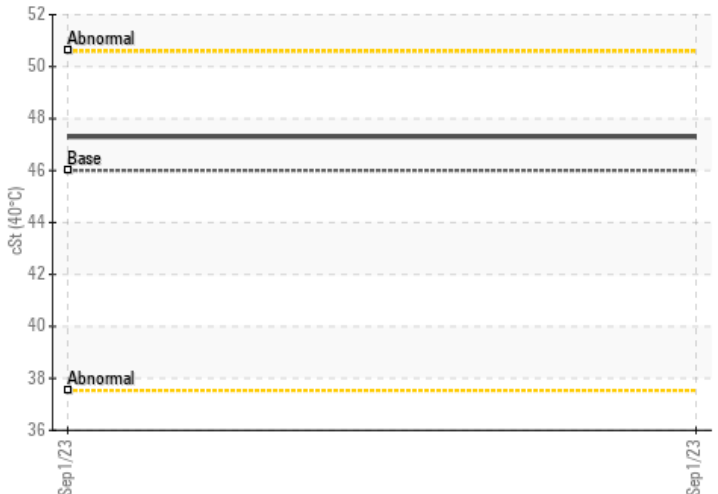
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

