



# CONSTRUCTION EQUIPMENT

## 527681 VOLVO L60H 622532 - HYDRAULIC SYSTEM



**Sample No:** VCP338500  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 527681



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP338500   | --- | --- | --- |
| Sample Date   | 05 Apr 2024 | --- | --- | --- |
| Machine Hours | 11071       | --- | --- | --- |
| Oil Hours     | 3000        | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |

**RECYCLE AMERICA**  
 12100 YOUNG PINE RD  
 ORLANDO, FL  
 US 32829  
 Contact: SERVICE MANAGER

### OIL CONDITION

|                  |          |        |     |     |     |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 40°C      | cSt      | █ 40.7 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.37 | --- | --- | --- |

T:  
F:

### CONTAMINATION

|                   |     |          |     |     |     |
|-------------------|-----|----------|-----|-----|-----|
| Water             | %   | NEG      | --- | --- | --- |
| Particles >4µm    |     | █ 20772  | --- | --- | --- |
| Particles >6µm    |     | ▲ 5192   | --- | --- | --- |
| Particles >14µm   |     | ● 139    | --- | --- | --- |
| ISO 4406:1999 (c) |     | 22/20/14 | --- | --- | --- |
| Silicon           | ppm | █ 5      | --- | --- | --- |
| Sodium            | ppm | █ 7      | --- | --- | --- |
| Potassium         | ppm | █ <1     | --- | --- | --- |

### Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. 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 | █ 10 | --- | --- | --- |
| Copper     | ppm | █ 2  | --- | --- | --- |
| Lead       | ppm | █ 1  | --- | --- | --- |
| Tin        | ppm | █ 0  | --- | --- | --- |
| Aluminum   | ppm | █ 0  | --- | --- | --- |
| Chromium   | ppm | █ 2  | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel     | ppm | █ 0  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █ 0  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |

### ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 153 | --- | --- | --- |
| Magnesium  | ppm | █ 4   | --- | --- | --- |
| Zinc       | ppm | █ 443 | --- | --- | --- |
| Phosphorus | ppm | █ 347 | --- | --- | --- |
| Barium     | ppm | █ 0   | --- | --- | --- |
| Boron      | ppm | █ 0   | --- | --- | --- |

**Depot:** RECORL  
**Unique No:** 11018638  
**Signed:** Wes Davis  
**Report Date:** 09 May 2024



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## VOLVO GRAPHS

