



# CONSTRUCTION EQUIPMENT

SW32843 BATEMAN BROS VOLVO L150H 6987 - TRANSMISSION (AUTO)



**Sample No:** VCP363171  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SW32843 BATEMAN BROS



**ARNOLD MACHINERY COMPANY**  
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## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP363171   | --- | --- | --- |
| Sample Date   | 11 Apr 2024 | --- | --- | --- |
| Machine Hours | 4030        | --- | --- | --- |
| Oil Hours     | 2000        | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 27.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 5  | --- | --- | --- |
| Sodium    | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ 2  | --- | --- | --- |



## WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 22 | --- | --- | --- |
| Copper     | ppm | █ 4  | --- | --- | --- |
| Lead       | ppm | █ 1  | --- | --- | --- |
| Tin        | ppm | █ 1  | --- | --- | --- |
| Aluminum   | ppm | █ 1  | --- | --- | --- |
| Chromium   | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 2  | --- | --- | --- |
| Nickel     | ppm | █ 1  | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | █ <1 | --- | --- | --- |
| Manganese  | ppm | █ 2  | --- | --- | --- |
| Vanadium   | ppm | <1   | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 89  | --- | --- | --- |
| Magnesium  | ppm | █ 3   | --- | --- | --- |
| Zinc       | ppm | █ 23  | --- | --- | --- |
| Phosphorus | ppm | █ 232 | --- | --- | --- |
| Barium     | ppm | █ 1   | --- | --- | --- |
| Boron      | ppm | █ 102 | --- | --- | --- |

## Diagnosis

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

**Depot:** VOLVO0077  
**Unique No:** 10982505  
**Signed:** Wes Davis  
**Report Date:** 18 Apr 2024

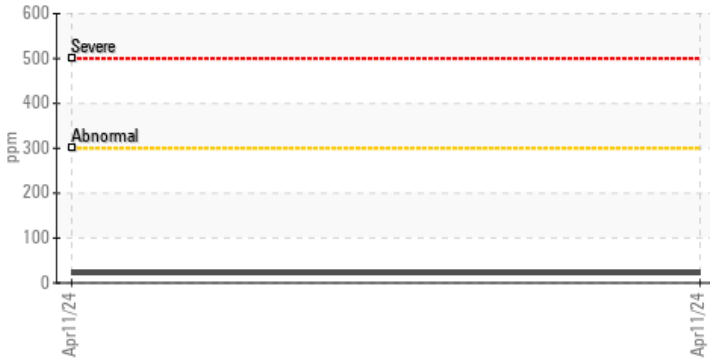


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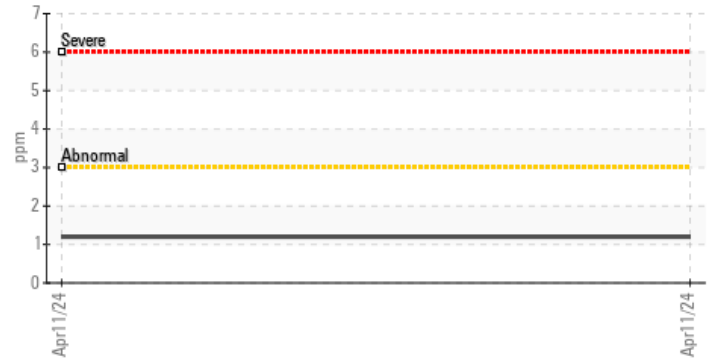


## GRAPHS

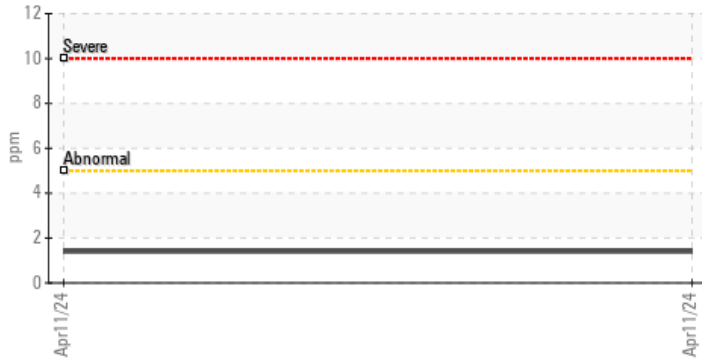
### Iron (ppm)



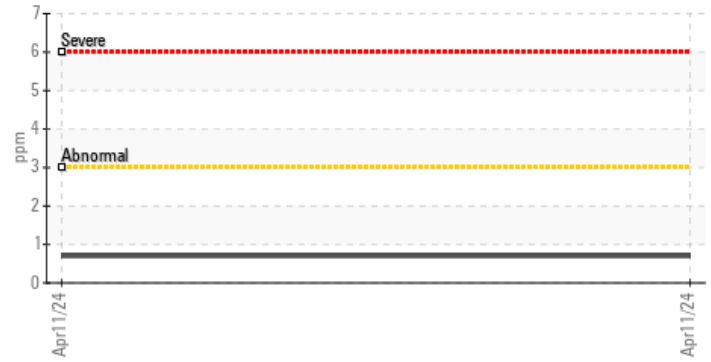
### Lead (ppm)



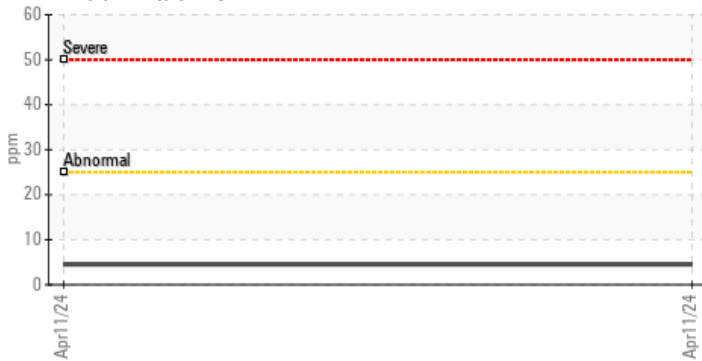
### Aluminum (ppm)



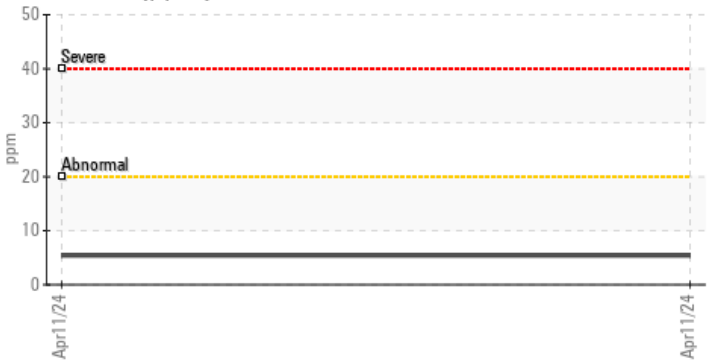
### Chromium (ppm)



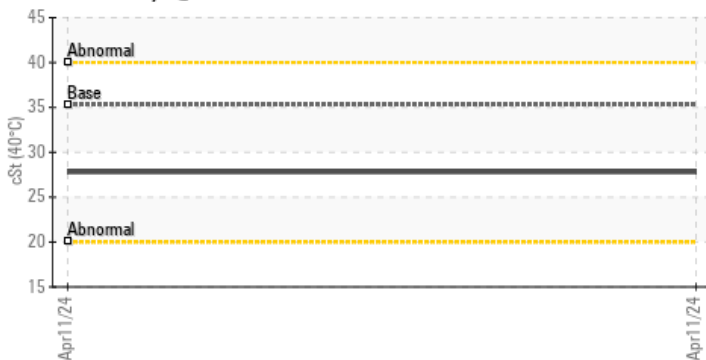
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

