



# CONSTRUCTION EQUIPMENT

## A10814 STELLA JONES VOLVO L110G 8543 - TRANSMISSION (AUTO)



**Sample No:** VCP408934  
**Oil Type:** MOBIL ATF  
**Job No:** A10814 STELLA JONES



### SAMPLE INFORMATION

|               |                    |             |             |             |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | <b>VCP408934</b>   | VCP361958   | VCP283616   | VCP246378   |
| Sample Date   | <b>02 Aug 2023</b> | 09 Mar 2022 | 22 Jul 2020 | 31 Dec 2019 |
| Machine Hours | <b>6025</b>        | 5025        | 4100        | 3750        |
| Oil Hours     | <b>2000</b>        | 1025        | 3000        | 3750        |
| Oil Changed   | <b>Not Chngd</b>   | Not Chngd   | Changed     | Not Chngd   |
| Sample Status | <b>NORMAL</b>      | NORMAL      | NORMAL      | NORMAL      |

**HOFFMAN EQUIPMENT - LIONVILLE**  
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### OIL CONDITION

|             |     |             |      |      |      |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | <b>26.7</b> | 27.1 | 28.6 | 28.5 |
|-------------|-----|-------------|------|------|------|



### CONTAMINATION

|           |     |          |   |   |   |
|-----------|-----|----------|---|---|---|
| Silicon   | ppm | <b>3</b> | 3 | 7 | 7 |
| Sodium    | ppm | <b>3</b> | 3 | 7 | 7 |
| Potassium | ppm | <b>0</b> | 0 | 0 | 0 |

### 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.



### WEAR METALS

|            |     |              |    |    |    |
|------------|-----|--------------|----|----|----|
| Iron       | ppm | <b>18</b>    | 15 | 55 | 54 |
| Copper     | ppm | <b>3</b>     | 3  | 7  | 8  |
| Lead       | ppm | <b>0</b>     | 0  | 0  | 0  |
| Tin        | ppm | <b>0</b>     | 0  | 0  | 0  |
| Aluminum   | ppm | <b>&lt;1</b> | 1  | 3  | 3  |
| Chromium   | ppm | <b>0</b>     | 0  | <1 | <1 |
| Molybdenum | ppm | <b>&lt;1</b> | <1 | <1 | <1 |
| Nickel     | ppm | <b>0</b>     | 0  | 1  | <1 |
| Titanium   | ppm | <b>0</b>     | 0  | 0  | 0  |
| Silver     | ppm | <b>0</b>     | 2  | 0  | 0  |
| Manganese  | ppm | <b>1</b>     | 1  | 5  | 5  |
| Vanadium   | ppm | <b>&lt;1</b> | 0  | 0  | 0  |



### ADDITIVES

|            |     |            |     |     |     |
|------------|-----|------------|-----|-----|-----|
| Calcium    | ppm | <b>146</b> | 149 | 225 | 231 |
| Magnesium  | ppm | <b>5</b>   | 6   | 4   | 5   |
| Zinc       | ppm | <b>21</b>  | 28  | 40  | 45  |
| Phosphorus | ppm | <b>212</b> | 233 | 294 | 276 |
| Barium     | ppm | <b>0</b>   | 0   | 2   | 1   |
| Boron      | ppm | <b>85</b>  | 80  | 67  | 64  |

**Depot:** VOLVO8879  
**Unique No:** 10601823  
**Signed:** Don Baldrige  
**Report Date:** 12 Aug 2023



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## VOLVO GRAPHS

