



|                 |               |
|-----------------|---------------|
| WEAR            | <b>NORMAL</b> |
| CONTAMINATION   | <b>NORMAL</b> |
| FLUID CONDITION | <b>NORMAL</b> |



Machine Id  
**VOLVO A40G 341113**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

| Test           | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number  |     | Client Info |           | <b>ML0001619</b>   | VCP362094   | VCP319701   |
| Sample Date    |     | Client Info |           | <b>24 May 2024</b> | 19 Apr 2022 | 04 Nov 2021 |
| Machine Age    | hrs | Client Info |           | <b>9902</b>        | 6473        | 4979        |
| Oil Age        | hrs | Client Info |           | <b>1000</b>        | 0           | 0           |
| Filter Age     | hrs | Client Info |           | <b>1000</b>        | 0           | 0           |
| Oil Changed    |     | Client Info |           | <b>Changed</b>     | Changed     | Not Changed |
| Filter Changed |     | Client Info |           | <b>Changed</b>     | N/A         | Changed     |
| Sample Status  |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

**WEAR**

All component wear rates are normal.

|              |        |             |      |              |      |      |
|--------------|--------|-------------|------|--------------|------|------|
| Iron         | ppm    | ASTM D5185m | >160 | <b>28</b>    | 38   | 62   |
| Chromium     | ppm    | ASTM D5185m | >5   | <b>0</b>     | 0    | <1   |
| Nickel       | ppm    | ASTM D5185m | >5   | <b>2</b>     | 3    | 6    |
| Titanium     | ppm    | ASTM D5185m |      | <b>0</b>     | 0    | 0    |
| Silver       | ppm    | ASTM D5185m | >5   | <b>0</b>     | 0    | 0    |
| Aluminum     | ppm    | ASTM D5185m | >50  | <b>15</b>    | 14   | 24   |
| Lead         | ppm    | ASTM D5185m | >50  | <b>0</b>     | 0    | 0    |
| Copper       | ppm    | ASTM D5185m | >225 | <b>16</b>    | 20   | 44   |
| Tin          | ppm    | ASTM D5185m | >10  | <b>3</b>     | 3    | 3    |
| Vanadium     | ppm    | ASTM D5185m |      | <b>&lt;1</b> | 0    | <1   |
| White Metal  | scalar | *Visual     | NONE | <b>NONE</b>  | NONE | NONE |
| Yellow Metal | scalar | *Visual     | NONE | <b>NONE</b>  | NONE | NONE |

**CONTAMINATION**

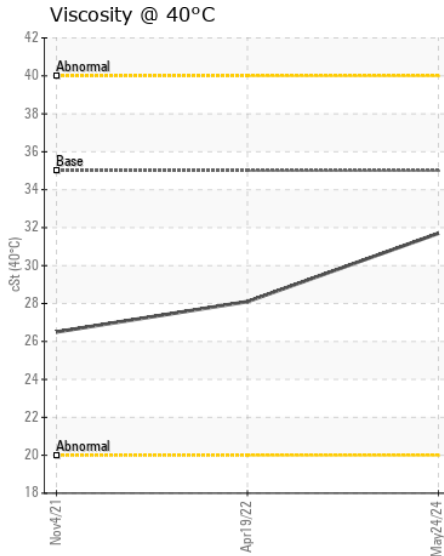
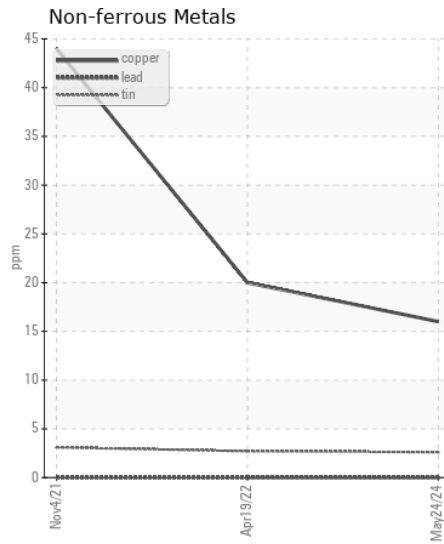
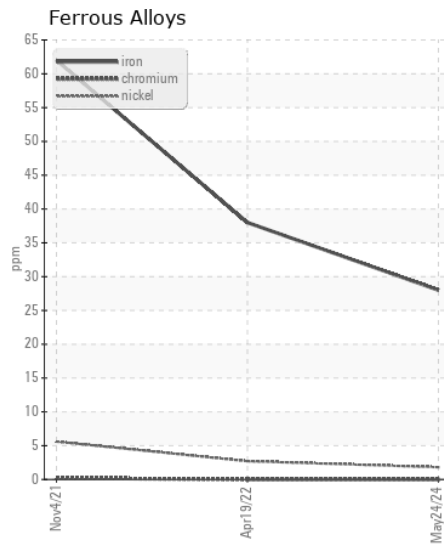
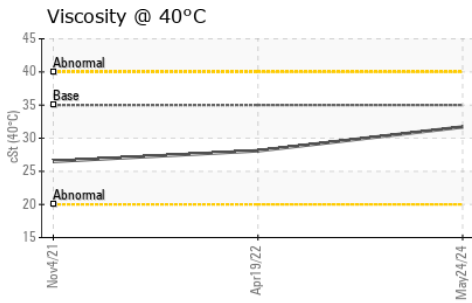
There is no indication of any contamination in the oil.

|                  |        |             |       |              |       |       |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon          | ppm    | ASTM D5185m | >20   | <b>5</b>     | 4     | 8     |
| Potassium        | ppm    | ASTM D5185m | >20   | <b>2</b>     | 0     | 5     |
| Water            |        | WC Method   | >0.1  | <b>NEG</b>   | NEG   | NEG   |
| Silt             | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Debris           | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE  | LIGHT |
| Sand/Dirt        | scalar | *Visual     | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Appearance       | scalar | *Visual     | NORML | <b>NORML</b> | NORML | NORML |
| Odor             | scalar | *Visual     | NORML | <b>NORML</b> | NORML | NORML |
| Emulsified Water | scalar | *Visual     | >0.1  | <b>NEG</b>   | NEG   | NEG   |

**FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

|             |     |             |      |              |      |      |
|-------------|-----|-------------|------|--------------|------|------|
| Sodium      | ppm | ASTM D5185m |      | <b>4</b>     | 3    | 3    |
| Boron       | ppm | ASTM D5185m |      | <b>87</b>    | 94   | 61   |
| Barium      | ppm | ASTM D5185m |      | <b>0</b>     | 0    | <1   |
| Molybdenum  | ppm | ASTM D5185m |      | <b>0</b>     | <1   | 0    |
| Manganese   | ppm | ASTM D5185m |      | <b>&lt;1</b> | 1    | 2    |
| Magnesium   | ppm | ASTM D5185m |      | <b>&lt;1</b> | <1   | 2    |
| Calcium     | ppm | ASTM D5185m |      | <b>131</b>   | 82   | 90   |
| Phosphorus  | ppm | ASTM D5185m |      | <b>200</b>   | 208  | 141  |
| Zinc        | ppm | ASTM D5185m |      | <b>21</b>    | 5    | 8    |
| Sulfur      | ppm | ASTM D5185m |      | <b>2281</b>  | 2041 | 2346 |
| Visc @ 40°C | cSt | ASTM D445   | 35.0 | <b>31.7</b>  | 28.1 | 26.5 |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ML0001619  
**Lab Number** : 06195819  
**Unique Number** : 11057942  
**Test Package** : CONST

**Received** : 30 May 2024  
**Tested** : 31 May 2024  
**Diagnosed** : 02 Jun 2024 - Don Baldrige

**MCCLUNG-LOGAN EQUIPMENT CO - SALEM**  
 2025 COOK DRIVE  
 SALEM, VA  
 US 24153  
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 T: (540)418-5218  
 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)