



# ASCENDUM

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO L120H 632915**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

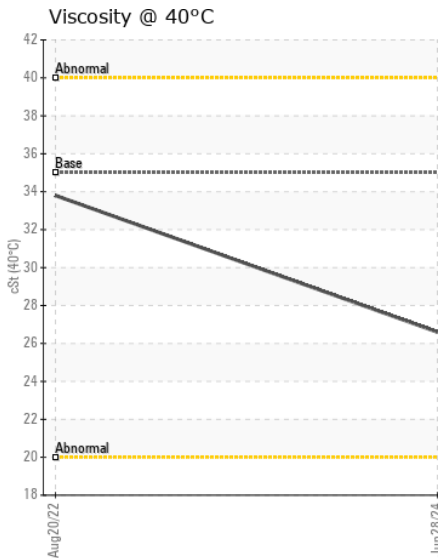
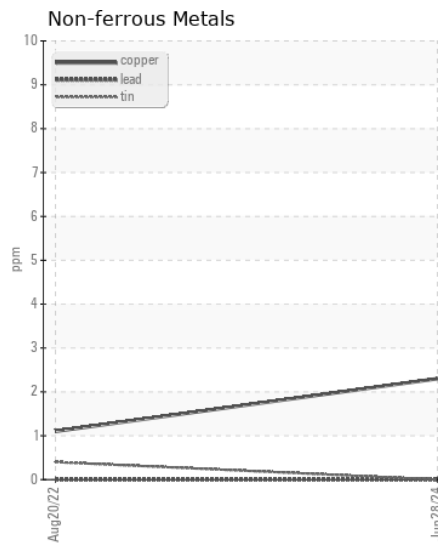
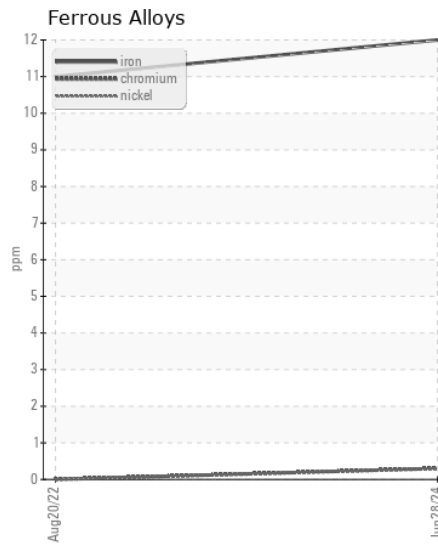
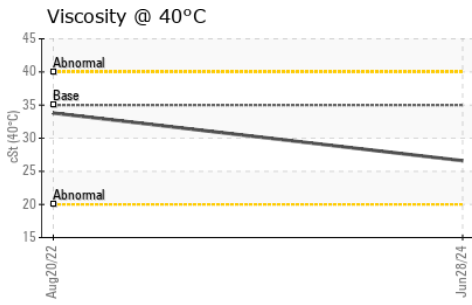
### CONTAMINATION

There is no indication of any contamination in the fluid.

### FLUID CONDITION

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

| Test             | UOM    | Method      | Limit/Abn | Current            | History1    | History2 |
|------------------|--------|-------------|-----------|--------------------|-------------|----------|
| Sample Number    |        | Client Info |           | <b>ASC0008730</b>  | VCP364831   | ---      |
| Sample Date      |        | Client Info |           | <b>28 Jun 2024</b> | 20 Aug 2022 | ---      |
| Machine Age      | hrs    | Client Info |           | <b>4529</b>        | 2053        | ---      |
| Oil Age          | hrs    | Client Info |           | <b>4529</b>        | 0           | ---      |
| Filter Age       | hrs    | Client Info |           | <b>0</b>           | 0           | ---      |
| Oil Changed      |        | Client Info |           | <b>N/A</b>         | N/A         | ---      |
| Filter Changed   |        | Client Info |           | <b>N/A</b>         | N/A         | ---      |
| Sample Status    |        |             |           | <b>NORMAL</b>      | ABNORMAL    | ---      |
| Iron             | ppm    | ASTM D5185m | >160      | <b>12</b>          | 11          | ---      |
| Chromium         | ppm    | ASTM D5185m | >5        | <b>&lt;1</b>       | 0           | ---      |
| Nickel           | ppm    | ASTM D5185m | >5        | <b>&lt;1</b>       | 0           | ---      |
| Titanium         | ppm    | ASTM D5185m |           | <b>&lt;1</b>       | 0           | ---      |
| Silver           | ppm    | ASTM D5185m | >5        | <b>0</b>           | <1          | ---      |
| Aluminum         | ppm    | ASTM D5185m | >50       | <b>4</b>           | <1          | ---      |
| Lead             | ppm    | ASTM D5185m | >50       | <b>0</b>           | 0           | ---      |
| Copper           | ppm    | ASTM D5185m | >225      | <b>2</b>           | 1           | ---      |
| Tin              | ppm    | ASTM D5185m | >10       | <b>0</b>           | <1          | ---      |
| Vanadium         | ppm    | ASTM D5185m |           | <b>&lt;1</b>       | 0           | ---      |
| White Metal      | scalar | *Visual     | NONE      | <b>NONE</b>        | ▲ MODER     | ---      |
| Yellow Metal     | scalar | *Visual     | NONE      | <b>NONE</b>        | NONE        | ---      |
| Silicon          | ppm    | ASTM D5185m | >20       | <b>4</b>           | 4           | ---      |
| Potassium        | ppm    | ASTM D5185m | >20       | <b>&lt;1</b>       | 0           | ---      |
| Water            |        | WC Method   | >0.1      | <b>NEG</b>         | NEG         | ---      |
| Silt             | scalar | *Visual     | NONE      | <b>NONE</b>        | NONE        | ---      |
| Debris           | scalar | *Visual     | NONE      | <b>NONE</b>        | NONE        | ---      |
| Sand/Dirt        | scalar | *Visual     | NONE      | <b>NONE</b>        | NONE        | ---      |
| Appearance       | scalar | *Visual     | NORML     | <b>NORML</b>       | NORML       | ---      |
| Odor             | scalar | *Visual     | NORML     | <b>NORML</b>       | NORML       | ---      |
| Emulsified Water | scalar | *Visual     | >0.1      | <b>NEG</b>         | NEG         | ---      |
| Sodium           | ppm    | ASTM D5185m |           | <b>1</b>           | <1          | ---      |
| Boron            | ppm    | ASTM D5185m |           | <b>124</b>         | 101         | ---      |
| Barium           | ppm    | ASTM D5185m |           | <b>0</b>           | <1          | ---      |
| Molybdenum       | ppm    | ASTM D5185m |           | <b>&lt;1</b>       | <1          | ---      |
| Manganese        | ppm    | ASTM D5185m |           | <b>&lt;1</b>       | <1          | ---      |
| Magnesium        | ppm    | ASTM D5185m |           | <b>4</b>           | 6           | ---      |
| Calcium          | ppm    | ASTM D5185m |           | <b>101</b>         | 110         | ---      |
| Phosphorus       | ppm    | ASTM D5185m |           | <b>225</b>         | 207         | ---      |
| Zinc             | ppm    | ASTM D5185m |           | <b>12</b>          | 18          | ---      |
| Sulfur           | ppm    | ASTM D5185m |           | <b>1149</b>        | 1311        | ---      |
| Visc @ 40°C      | cSt    | ASTM D445   | 35.0      | <b>26.6</b>        | 33.8        | ---      |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0008730  
**Lab Number** : 06228197  
**Unique Number** : 11111690  
**Test Package** : CONST

**Received** : 03 Jul 2024  
**Tested** : 05 Jul 2024  
**Diagnosed** : 05 Jul 2024 - Wes Davis

**117 - ASCENDUM MACHINERY INC - GREENVILLE**  
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 GREENVILLE, NC  
 US 27834

Contact: ALLEN WILLIAMS  
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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)

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