



# VOLVO

## OIL ANALYSIS REPORT

|                 |        |
|-----------------|--------|
| WEAR            | NORMAL |
| CONTAMINATION   | NORMAL |
| FLUID CONDITION | NORMAL |



Area  
[717229]  
Machine Id  
VOLVO EC750 314108  
Component  
Left Swing Drive  
Fluid  
VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

### RECOMMENDATION

Resample at the next service interval to monitor.

| Test           | UOM | Method      | Limit/Abn | Current     | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number  |     | Client Info |           | VCP454545   | ---      | ---      |
| Sample Date    |     | Client Info |           | 24 May 2024 | ---      | ---      |
| Machine Age    | hrs | Client Info |           | 3483        | ---      | ---      |
| Oil Age        | hrs | Client Info |           | 0           | ---      | ---      |
| Filter Age     | hrs | Client Info |           | 0           | ---      | ---      |
| Oil Changed    |     | Client Info |           | Not Changed | ---      | ---      |
| Filter Changed |     | Client Info |           | Not Changed | ---      | ---      |
| Sample Status  |     |             |           | NORMAL      | ---      | ---      |

### WEAR

All component wear rates are normal.

|              |        |             |       |      |     |     |
|--------------|--------|-------------|-------|------|-----|-----|
| Iron         | ppm    | ASTM D5185m | >1200 | 85   | --- | --- |
| Chromium     | ppm    | ASTM D5185m | >10   | <1   | --- | --- |
| Nickel       | ppm    | ASTM D5185m | >10   | 0    | --- | --- |
| Titanium     | ppm    | ASTM D5185m |       | 0    | --- | --- |
| Silver       | ppm    | ASTM D5185m |       | 0    | --- | --- |
| Aluminum     | ppm    | ASTM D5185m | >25   | 0    | --- | --- |
| Lead         | ppm    | ASTM D5185m | >50   | 0    | --- | --- |
| Copper       | ppm    | ASTM D5185m | >50   | 5    | --- | --- |
| Tin          | ppm    | ASTM D5185m | >10   | 0    | --- | --- |
| Vanadium     | ppm    | ASTM D5185m |       | 0    | --- | --- |
| White Metal  | scalar | *Visual     | NONE  | NONE | --- | --- |
| Yellow Metal | scalar | *Visual     | NONE  | NONE | --- | --- |

### CONTAMINATION

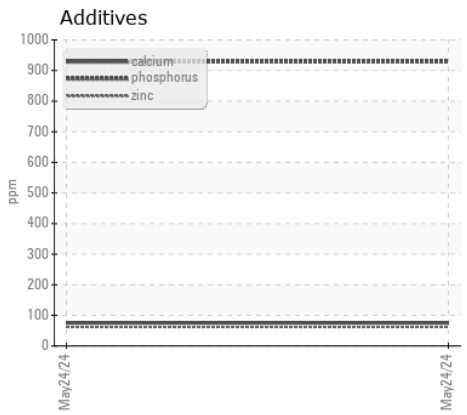
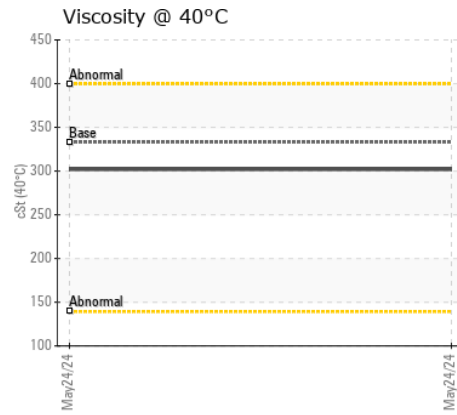
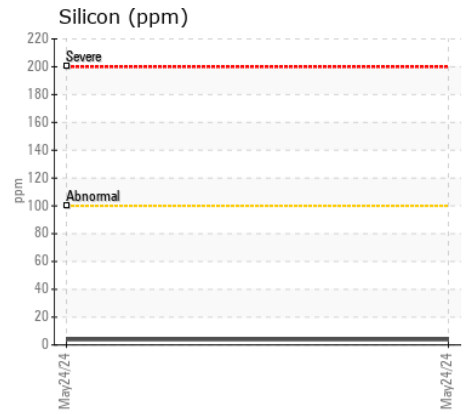
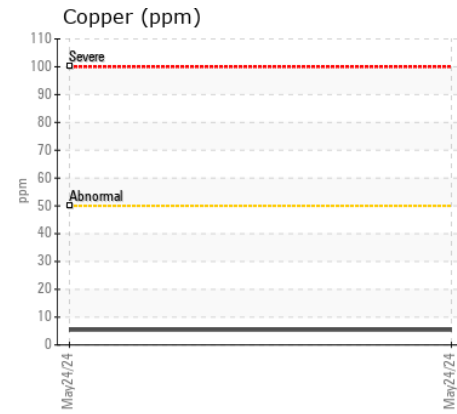
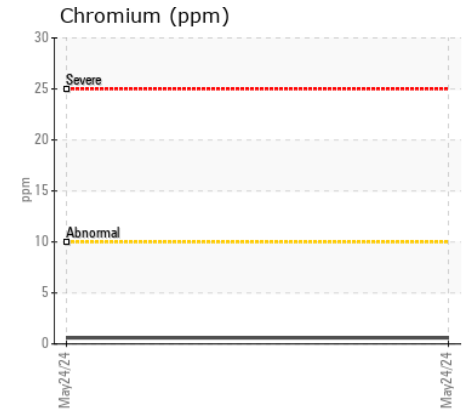
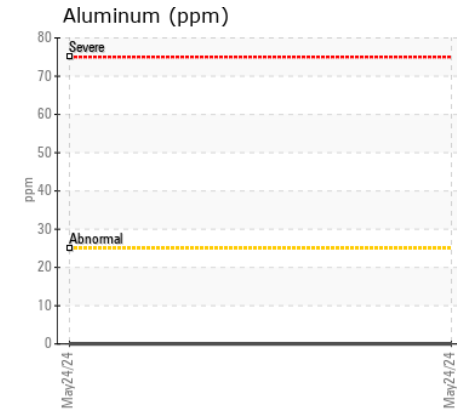
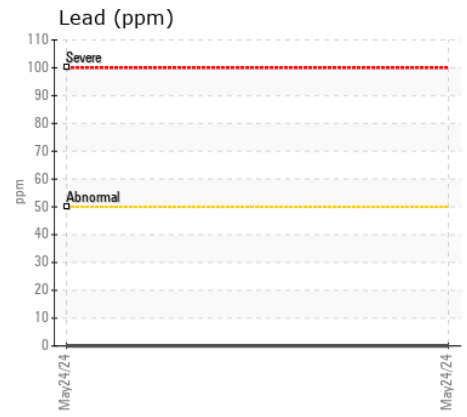
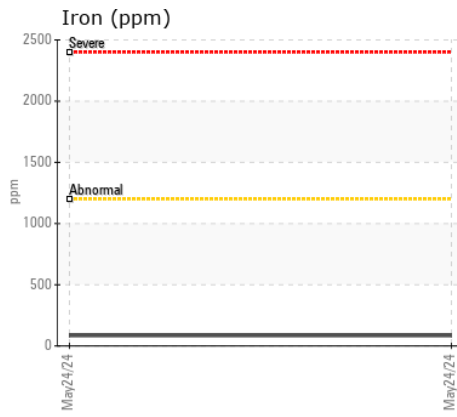
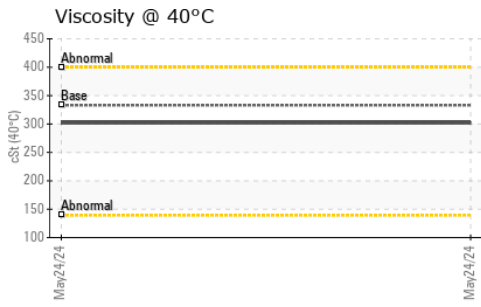
There is no indication of any contamination in the oil.

|                  |        |             |       |       |     |     |
|------------------|--------|-------------|-------|-------|-----|-----|
| Silicon          | ppm    | ASTM D5185m | >100  | 4     | --- | --- |
| Potassium        | ppm    | ASTM D5185m | >20   | 0     | --- | --- |
| Water            |        | WC Method   | >0.25 | NEG   | --- | --- |
| Silt             | scalar | *Visual     | NONE  | NONE  | --- | --- |
| Debris           | scalar | *Visual     | NONE  | NONE  | --- | --- |
| Sand/Dirt        | scalar | *Visual     | NONE  | NONE  | --- | --- |
| Appearance       | scalar | *Visual     | NORML | NORML | --- | --- |
| Odor             | scalar | *Visual     | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual     | >0.25 | NEG   | --- | --- |

### FLUID CONDITION

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

|             |     |             |       |       |     |     |
|-------------|-----|-------------|-------|-------|-----|-----|
| Sodium      | ppm | ASTM D5185m |       | 0     | --- | --- |
| Boron       | ppm | ASTM D5185m | 111   | 164   | --- | --- |
| Barium      | ppm | ASTM D5185m | 0.0   | 0     | --- | --- |
| Molybdenum  | ppm | ASTM D5185m | 0.9   | 1     | --- | --- |
| Manganese   | ppm | ASTM D5185m | 0.0   | 2     | --- | --- |
| Magnesium   | ppm | ASTM D5185m | 39    | 20    | --- | --- |
| Calcium     | ppm | ASTM D5185m | 93    | 75    | --- | --- |
| Phosphorus  | ppm | ASTM D5185m | 920   | 929   | --- | --- |
| Zinc        | ppm | ASTM D5185m | 104   | 62    | --- | --- |
| Sulfur      | ppm | ASTM D5185m | 20179 | 27112 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445   | 333   | 302   | --- | --- |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP454545 **Received** : 31 May 2024  
**Lab Number** : 06197077 **Tested** : 03 Jun 2024  
**Unique Number** : 11059200 **Diagnosed** : 03 Jun 2024 - Wes Davis  
**Test Package** : MOB 1

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER

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)

T: (772)461-3020

F: