



# CONSTRUCTION EQUIPMENT

314854 VOLVO G740-VHP 33526 - REAR AXLE



Sample No: VCP349535

Oil Type: SAE 80W90

Job No: 314854



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP349535   | --- | --- | --- |
| Sample Date   | 27 May 2022 | --- | --- | --- |
| Machine Hours | 12410       | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Changed | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW

Acheson, AB

CA T7X 6C2

Contact: Jonathan Morton

jmorton@strongco.com

T: (780)464-1909

F: (780)464-0434



## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 118 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 19 | --- | --- | --- |
| Sodium    | ppm | █ 2  | --- | --- | --- |
| Potassium | ppm | █ 2  | --- | --- | --- |



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 308 | --- | --- | --- |
| Copper     | ppm | █ 83  | --- | --- | --- |
| Lead       | ppm | █ 21  | --- | --- | --- |
| Tin        | ppm | █ 9   | --- | --- | --- |
| Aluminum   | ppm | █ 3   | --- | --- | --- |
| Chromium   | ppm | █ 1   | --- | --- | --- |
| Molybdenum | ppm | █ 17  | --- | --- | --- |
| Nickel     | ppm | <1    | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | <1    | --- | --- | --- |
| Manganese  | ppm | █ 2   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | 486    | --- | --- | --- |
| Magnesium  | ppm | █ 3    | --- | --- | --- |
| Zinc       | ppm | █ 199  | --- | --- | --- |
| Phosphorus | ppm | █ 1085 | --- | --- | --- |
| Barium     | ppm | █ 0    | --- | --- | --- |
| Boron      | ppm | 232    | --- | --- | --- |

## Diagnosis

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

Depot: VOLVO3908

Unique No: 5410101

Signed: Kevin Marson

Report Date: 07 Jun 2022



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

