CONSTRUCTION EQUIPMENT 129159 MILL CREEK VOLVO L90H 625083 - REAR AXLE

 Sample No:
 VCP420731

 Oil Type:
 VOLVO

 Job No:
 129159 MILL CREEK

VOLVO

|               | INFORMATION |             |      |  |
|---------------|-------------|-------------|------|--|
| Sample Number |             | VCP420731   | <br> |  |
| Sample Date   |             | 08 Sep 2023 | <br> |  |
| Machine Hours |             | 6363        | <br> |  |
| Oil Hours     |             | 2000        | <br> |  |
| Oil Changed   |             | Changed     | <br> |  |
| Sample Status |             | NORMAL      | <br> |  |
|               |             |             |      |  |
| OIL CON       | DITION      |             |      |  |
| Visc @ 40°C   | cSt         | 39.4        | <br> |  |
|               |             |             |      |  |
| CONTAN        | MINATION    |             |      |  |
| Silicon       | ppm         | <b>18</b>   | <br> |  |
| Sodium        | ppm         | 5           | <br> |  |
| Potassium     | ppm         | 2           | <br> |  |
|               |             |             |      |  |
| WEAR N        | METALS      |             |      |  |
| Iron          | ppm         | 212         | <br> |  |
| Copper        | ppm         | 68          | <br> |  |
| Lead          | ppm         | <b></b> <1  | <br> |  |
| Tin           | ppm         | 8           | <br> |  |
| Aluminum      | ppm         | 3           | <br> |  |
| Chromium      | ppm         | 7           | <br> |  |
| Molybdenum    | ppm         | 4           | <br> |  |
| Nickel        | ppm         | 2           | <br> |  |
| Titanium      | ppm         | <1          | <br> |  |
| Silver        | ppm         | 0           | <br> |  |
| Manganese     | ppm         | 9           | <br> |  |
| Vanadium      | ppm         | 0           | <br> |  |
| VOLVO         |             |             | <br> |  |
| ADDITIN       | /ES         |             | <br> |  |
| Calcium       | ppm         | 3786        | <br> |  |
| Magnesium     | ppm         | 19          | <br> |  |
| Zinc          | ppm         | 1547        | <br> |  |
| Phosphorus    | ppm         | 1244        | <br> |  |
| Barium        | ppm         | 0           | <br> |  |
| Boron         | ppm         | 135         | <br> |  |
|               |             |             |      |  |



THE GW VAN KEPPEL COMPANY

8233 WEST RENO OKLAHOMA CITY, OK US 73127 Contact: ZACHARY BOWDISH zbowdish@vankeppel.com T: (405)495-0606 F: (405)495-7603

## Diagnosis

The oil change at the time of sampling has been noted. 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:
 VOLVO0052

 Unique No:
 10662697

 Signed:
 Doug Bogart

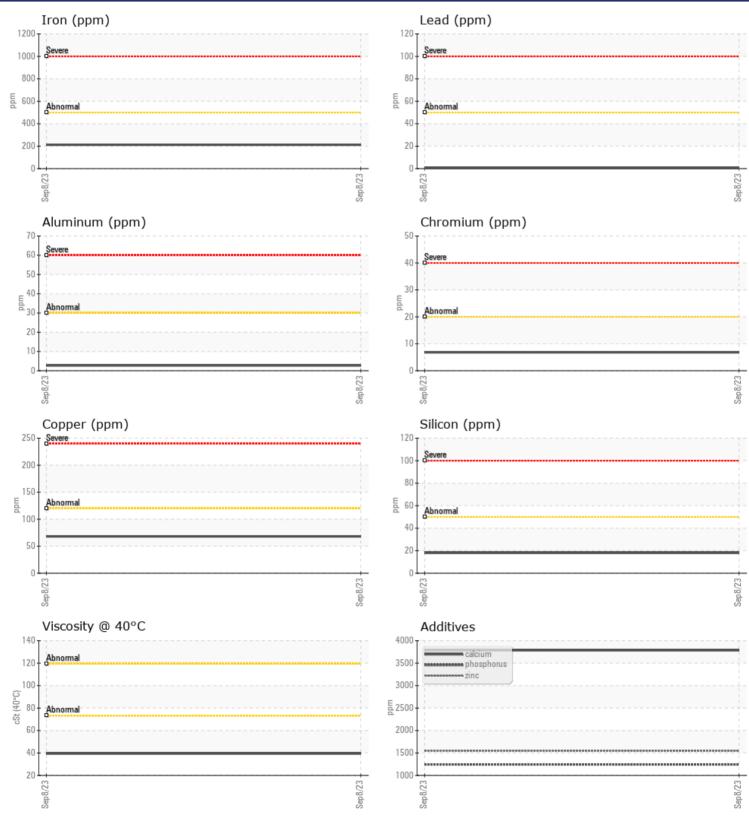
 Report Date:
 27 Sep 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: ZACHARY BOWDISH - VOLVO0052