



CONSTRUCTION EQUIPMENT

11040 VOLVO L90H 624901 - REAR AXLE



Sample No: VCP441840
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 11040



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP441840 | VCP399146 | VCP365721 | VCP361449 |
| Sample Date | 11 Sep 2023 | 07 Mar 2023 | 22 Nov 2022 | 14 Jul 2022 |
| Machine Hours | 8453 | 7635 | 7189 | 6680 |
| Oil Hours | 0 | 1000 | 0 | 1000 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | ABNORMAL | NORMAL | NORMAL | NORMAL |

WASTE MGMT GROWS LANDFILL
 1121 BORDENTOWN ROAD
 MORRISVILLE, PA
 US 19067
 Contact: JIM



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 41.9 | 42.0 | 42.2 | 41.5 |
|-------------|-----|-------------|------|------|------|

T: (215)736-9490
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CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|----|----|
| Silicon | ppm | 12 | 12 | 12 | 13 |
| Sodium | ppm | 7 | 6 | <1 | 9 |
| Potassium | ppm | 3 | 3 | 0 | 0 |

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 159 | 157 | 153 | 146 |
| Copper | ppm | 6 | 6 | 6 | 5 |
| Lead | ppm | <1 | 0 | 0 | <1 |
| Tin | ppm | <1 | <1 | 0 | 1 |
| Aluminum | ppm | 2 | 3 | 1 | 1 |
| Chromium | ppm | 1 | 2 | 1 | 2 |
| Molybdenum | ppm | 2 | 2 | 1 | 2 |
| Nickel | ppm | <1 | <1 | 0 | 0 |
| Titanium | ppm | <1 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | <1 |
| Manganese | ppm | 2 | 2 | 2 | 2 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 3767 | 3823 | 3923 | 4096 |
| Magnesium | ppm | 13 | 14 | 11 | 16 |
| Zinc | ppm | 1527 | 1509 | 1439 | 1606 |
| Phosphorus | ppm | 1220 | 1236 | 1219 | 1268 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 118 | 115 | 149 | 155 |

Depot: WASMOR
Unique No: 10660025
Signed: Don Baldrige
Report Date: 24 Sep 2023



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GRAPHS

