



CONSTRUCTION EQUIPMENT

SWI026351 VOLVO L90H 625554 - REAR AXLE



Sample No: VCP441002
Oil Type: VOLVO WB 102
Job No: SWI026351



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP441002 | --- | --- | --- |
| Sample Date | 14 Nov 2023 | --- | --- | --- |
| Machine Hours | 7077 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 48.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 13 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 11 | --- | --- | --- |
| Copper | ppm | █ 87 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 9 | --- | --- | --- |
| Aluminum | ppm | █ 1 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 2 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 3501 | --- | --- | --- |
| Magnesium | ppm | █ 26 | --- | --- | --- |
| Zinc | ppm | █ 1452 | --- | --- | --- |
| Phosphorus | ppm | █ 1176 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 122 | --- | --- | --- |

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: VOLVO6174
Unique No: 10754637
Signed: Wes Davis
Report Date: 26 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

