



CONSTRUCTION EQUIPMENT

UPAP-PHOENIX SW1027118 330144 VOLVO L90G 617701 - REAR AXLE



Sample No: VCE196102
Oil Type: VOLVO WB 102
Job No: SW1027118



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCE196102 | DJJ0005947 | DJJ0005953 | DJJ025334 |
| Sample Date | 21 Dec 2023 | 10 May 2023 | 21 Jun 2022 | 10 Dec 2021 |
| Machine Hours | 11269 | 10493 | 9277 | 8767 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Not Changd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

U-PULL-AND-PAY LLC - PHOENIX
2501 WEST BUCKEYE RD
PHOENIX, AZ
US 85009
Contact: CASEY MILLER
casey.miller@upullandpay.com
T:
F: (602)233-3971



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 45.9 | 47.9 | 40.8 | 40.4 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----------|-----|-----|-----|
| Silicon | ppm | 14 | 15 | 11 | 12 |
| Sodium | ppm | 4 | 6 | 9 | 9 |
| Potassium | ppm | 1 | 2 | 0 | 0 |

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.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 51 | 35 | 49 | 33 |
| Copper | ppm | 1 | 1 | 2 | 2 |
| Lead | ppm | 0 | 0 | <1 | <1 |
| Tin | ppm | 0 | 0 | <1 | <1 |
| Aluminum | ppm | 1 | <1 | 0 | 1 |
| Chromium | ppm | <1 | <1 | <1 | <1 |
| Molybdenum | ppm | 0 | <1 | <1 | <1 |
| Nickel | ppm | 0 | <1 | 0 | 0 |
| Titanium | ppm | 0 | 0 | 0 | <1 |
| Silver | ppm | 0 | 0 | <1 | <1 |
| Manganese | ppm | <1 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 3837 | 3811 | 3885 | 4087 |
| Magnesium | ppm | 13 | 13 | 15 | 16 |
| Zinc | ppm | 1573 | 1554 | 1527 | 1559 |
| Phosphorus | ppm | 1214 | 1203 | 1265 | 1317 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 132 | 126 | 139 | 129 |

Depot: UPAPPHO
Unique No: 10808670
Signed: Wes Davis
Report Date: 02 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

