



CONSTRUCTION EQUIPMENT

VOLVO A60H 350187 - REAR LEFT FINAL DRIVE



Sample No: VCP442662

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP442662 | VCP428918 | VCP402487 | VCP384147 |
| Sample Date | 11 Jan 2024 | 06 Sep 2023 | 28 Feb 2023 | 14 Oct 2022 |
| Machine Hours | 2513 | 2021 | 1556 | 1098 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Changd | Not Changd | Not Changd | Not Changd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD

BIRMINGHAM, AL

US 35207

Contact: STEPHANI BRITTON

sbritton@saiia.com;doug.bogart@wearcheck.com

T: (205)943-2268

F: (205)943-2269



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 49.5 | 49.1 | 50.1 | 50.1 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 3 | 2 | 2 | 3 |
| Sodium | ppm | 3 | 2 | 2 | 1 |
| Potassium | ppm | 0 | 4 | <1 | 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 | 111 | 57 | 110 | 102 |
| Copper | ppm | 1 | 3 | <1 | <1 |
| Lead | ppm | 0 | <1 | 0 | 0 |
| Tin | ppm | <1 | <1 | 0 | 0 |
| Aluminum | ppm | 0 | 0 | <1 | 0 |
| Chromium | ppm | 2 | <1 | 2 | 2 |
| Molybdenum | ppm | 3 | <1 | 3 | 3 |
| Nickel | ppm | <1 | <1 | <1 | <1 |
| Titanium | ppm | 0 | 0 | <1 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 6 | 2 | 7 | 6 |
| Vanadium | ppm | 0 | 0 | 0 | <1 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 335 | 315 | 353 | 331 |
| Magnesium | ppm | 0 | 2 | 5 | 0 |
| Zinc | ppm | 144 | 154 | 145 | 140 |
| Phosphorus | ppm | 2255 | 2456 | 2144 | 2158 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 265 | 272 | 289 | 264 |

Depot: SAIBIR

Unique No: 10845476

Signed: Sean Felton

Report Date: 25 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

