

CONSTRUCTION EQUIPMENT VOLVO A40G 341476 - REAR AXLE



Sample No: VCP450883

Oil Type: MOBIL MOBILUBE HD PLUS 80W90

Job No:

| SAMPLE | INFORMATION | 1 | | | |
|---------------|-------------|---------------|-------------|--------------|--|
| Sample Number | | VCP450883 | VCP312519 | VCP378442 | |
| Sample Date | | 10 Jul 2024 | 04 Dec 2023 | 12 Sep 2023 | |
| Machine Hours | | 18656 | 17394 | 16932 | |
| Oil Hours | | 1262 | 1039 | 577 | |
| Oil Changed | | Changed | Changed | Not Changd | |
| Sample Status | | NORMAL | NORMAL | NORMAL | |
| | | | | | |
| VOLVO | DITION | | | | |
| OIL CON | <u> </u> | <u> </u> | | | |
| Visc @ 40°C | cSt | 133 | 138 | 137 | |
| VOLVO | | | | | |
| CONTAN | MINATION | | | | |
| Water | % | NEG | NEG | NEG | |
| Silicon | | NEG | m1 | m2 | |
| Sodium | ppm | ■ 0 | 0 | ■ < 1 | |
| Potassium | ppm | ■0 ■1 | | <1 <1 <1 | |
| Potassium | ppm | | | < 1 | |
| VOLVO | | | | | |
| WEAR M | METALS | | | | |
| Iron | ppm | 3 | ■18 | 3 | |
| Copper | ppm | ■<1 | 0 | ■0 | |
| Lead | ppm | 0 | 0 | 0 | |
| Tin | ppm | ■<1 | 0 | 0 | |
| Aluminum | ppm | 4 | 1 | 0 | |
| Chromium | ppm | -<1 | 0 | ■0 | |
| Molybdenum | ppm | 2 | 2 | 2 | |
| Nickel | ppm | 0 | 0 | - <1 | |
| Titanium | ppm | <1 | 0 | 0 | |
| Silver | ppm | <1 | 0 | 0 | |
| Manganese | ppm | 0 | 0 | 0 | |
| Vanadium | ppm | <1 | 0 | 0 | |
| | | | | | |
| ADDITIV | IFS | | | | |
| _ | | 103 | -211 | — 176 | |
| Calcium | ppm | 183 | 211 | □ 176 | |
| Magnesium | ppm | 14 | 18 | □ 16 | |
| Zinc | ppm | 85 | 8 1 | 85 | |
| Phosphorus | ppm | 1041 | 1054 | 927 | |
| Barium | ppm | 0 | 0 | 0 | |
| Boron | ppm | 208 | 193 | 176 | |



SCHILDBERG CONSTRUCTION COMPANY

PO BOX 358 GREENFIELD, IA US 50849 Contact: SCOTT ARMSTRONG sarmstrong@schildberg.com T: (641)743-8237 F: (641)743-2486

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.

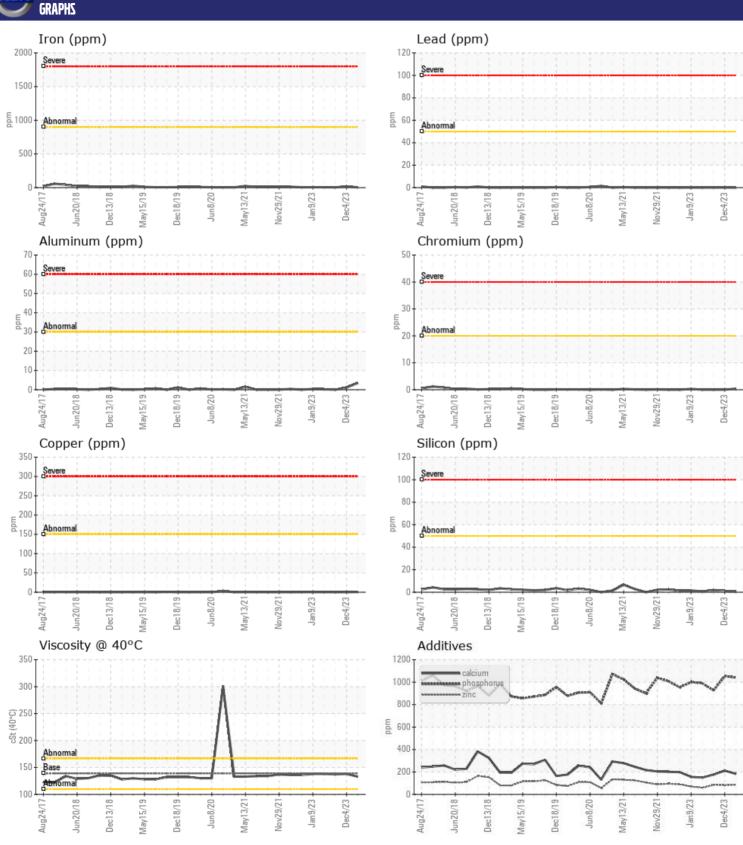
Depot:SCHGREUnique No:11129473Signed:Wes DavisReport Date:19 Jul 2024



CONSTRUCTION EQUIPMENT







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