



CONSTRUCTION EQUIPMENT

136477 VOLVO EC750E 314194 - LEFT SWING DRIVE



Sample No: VCP447664
Oil Type: GEAR OIL SAE 80W90
Job No: 136477



LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
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SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP447664 | VCP443075 | VCP434642 | VCP433927 |
| Sample Date | 04 Jun 2024 | 19 Mar 2024 | 29 Dec 2023 | 02 Oct 2023 |
| Machine Hours | 3975 | 3477 | 2941 | 2442 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Not Changd | Changed | Not Changd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 128 | 131 | 128 | 125 |
|-------------|-----|------------|-----|-----|-----|

CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|--------------|-----|-----|-----|
| Silicon | ppm | 5 | 10 | 4 | 1 |
| Sodium | ppm | <1 | 0 | 1 | <1 |
| Potassium | ppm | <1 | 1 | 0 | <1 |

WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|----|
| Iron | ppm | 99 | 47 | 119 | 19 |
| Copper | ppm | 2 | 2 | 4 | 1 |
| Lead | ppm | 0 | <1 | <1 | 0 |
| Tin | ppm | 0 | <1 | <1 | 0 |
| Aluminum | ppm | 2 | 3 | 0 | <1 |
| Chromium | ppm | <1 | <1 | 1 | 0 |
| Molybdenum | ppm | 13 | 15 | 0 | 0 |
| Nickel | ppm | 0 | <1 | 0 | 0 |
| Titanium | ppm | <1 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | <1 | 1 | <1 |
| Vanadium | ppm | <1 | <1 | 0 | 0 |

ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 156 | 178 | 38 | 38 |
| Magnesium | ppm | 59 | 57 | 2 | 2 |
| Zinc | ppm | 105 | 114 | 44 | 34 |
| Phosphorus | ppm | 993 | 997 | 995 | 976 |
| Barium | ppm | 0 | 1 | 0 | 0 |
| Boron | ppm | 240 | 237 | 148 | 201 |

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: LATSCU
Unique No: 11072530
Signed: Wes Davis
Report Date: 12 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

