



CONSTRUCTION EQUIPMENT

VOLVO L150H 4487 - REAR AXLE



Sample No: VCP312533
Oil Type: MOBIL MOBILGARD 424
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP312533 | VCP401938 | VCP378553 | VCP363383 |
| Sample Date | 02 Oct 2023 | 15 Aug 2023 | 11 Apr 2023 | 07 Mar 2023 |
| Machine Hours | 17506 | 17210 | 16479 | 16278 |
| Oil Hours | 1027 | 731 | 838 | 637 |
| Oil Changed | Changed | Not Changd | Changed | Not Changd |
| Sample Status | NORMAL | ABNORMAL | NORMAL | NORMAL |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 52.0 | 52.7 | 49.8 | 50.7 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|----|----|----|
| Silicon | ppm | 9 | 13 | 12 | 14 |
| Sodium | ppm | 4 | 3 | 3 | 4 |
| Potassium | ppm | 2 | 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 | 7 | 7 | 5 | 7 |
| Copper | ppm | 2 | <1 | 0 | <1 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | <1 |
| Aluminum | ppm | 1 | 2 | <1 | 1 |
| Chromium | ppm | <1 | 0 | 0 | <1 |
| Molybdenum | ppm | <1 | <1 | <1 | 1 |
| Nickel | ppm | 0 | 0 | 0 | 0 |
| Titanium | ppm | <1 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 3457 | 3645 | 3110 | 3606 |
| Magnesium | ppm | 15 | 16 | 18 | 22 |
| Zinc | ppm | 1412 | 1408 | 1250 | 1425 |
| Phosphorus | ppm | 1123 | 1177 | 953 | 1143 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 122 | 140 | 106 | 122 |

Depot: SCHGRE
Unique No: 10701210
Signed: Wes Davis
Report Date: 20 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

