



CONSTRUCTION EQUIPMENT

SPM689356 RENTAL VOLVO L120H 633514 - REAR AXLE



Sample No: VCP437359
Oil Type: VOLVO WB 102
Job No: SPM689356 RENTAL



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP437359 | --- | --- | --- |
| Sample Date | 22 Apr 2024 | --- | --- | --- |
| Machine Hours | 1436 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █44.1 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █32 | --- | --- | --- |
| Sodium | ppm | █<1 | --- | --- | --- |
| Potassium | ppm | █9 | --- | --- | --- |

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 | █336 | --- | --- | --- |
| Copper | ppm | █4 | --- | --- | --- |
| Lead | ppm | █<1 | --- | --- | --- |
| Tin | ppm | █<1 | --- | --- | --- |
| Aluminum | ppm | █2 | --- | --- | --- |
| Chromium | ppm | █5 | --- | --- | --- |
| Molybdenum | ppm | 21 | --- | --- | --- |
| Nickel | ppm | █2 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █18 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █3909 | --- | --- | --- |
| Magnesium | ppm | █9 | --- | --- | --- |
| Zinc | ppm | █1563 | --- | --- | --- |
| Phosphorus | ppm | █1311 | --- | --- | --- |
| Barium | ppm | █0 | --- | --- | --- |
| Boron | ppm | █141 | --- | --- | --- |

Depot: VOLVO8885
Unique No: 11017761
Signed: Wes Davis
Report Date: 08 May 2024



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GRAPHS

