



CONSTRUCTION EQUIPMENT

SW1027392 CUSTOM LS VOLVO L220H 3310 - REAR AXLE



Sample No: VCP415922
Oil Type: VOLVO WB 102
Job No: SW1027392 CUSTOM LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP415922 | --- | --- | --- |
| Sample Date | 08 Dec 2023 | --- | --- | --- |
| Machine Hours | 5876 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 39.9 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Water | % | ■ NEG | --- | --- | --- |
| Silicon | ppm | ■ 13 | --- | --- | --- |
| Sodium | ppm | ■ 10 | --- | --- | --- |
| Potassium | ppm | ■ 0 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ■ 176 | --- | --- | --- |
| Copper | ppm | ■ 1 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ <1 | --- | --- | --- |
| Chromium | ppm | ■ 4 | --- | --- | --- |
| Molybdenum | ppm | ■ 6 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ 7 | --- | --- | --- |
| Vanadium | ppm | ■ 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 3736 | --- | --- | --- |
| Magnesium | ppm | ■ 13 | --- | --- | --- |
| Zinc | ppm | ■ 1547 | --- | --- | --- |
| Phosphorus | ppm | ■ 1318 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 126 | --- | --- | --- |

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: VOLVO6174
Unique No: 10793428
Signed: Wes Davis
Report Date: 19 Dec 2023



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GRAPHS

