



CONSTRUCTION EQUIPMENT

41943 VOLVO L180H 5691 - REAR AXLE



Sample No: VCP447019
Oil Type: VOLVO WB 102
Job No: 41943



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP447019 | --- | --- | --- |
| Sample Date | 29 Apr 2024 | --- | --- | --- |
| Machine Hours | 2038 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █41.0 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

T: (803)923-2138
 F: (803)791-9920



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █11 | --- | --- | --- |
| Sodium | ppm | █3 | --- | --- | --- |
| Potassium | ppm | █4 | --- | --- | --- |

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 | █39 | --- | --- | --- |
| Copper | ppm | █4 | --- | --- | --- |
| Lead | ppm | █0 | --- | --- | --- |
| Tin | ppm | █0 | --- | --- | --- |
| Aluminum | ppm | █2 | --- | --- | --- |
| Chromium | ppm | █1 | --- | --- | --- |
| Molybdenum | ppm | █3 | --- | --- | --- |
| Nickel | ppm | █0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █3 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █4157 | --- | --- | --- |
| Magnesium | ppm | █9 | --- | --- | --- |
| Zinc | ppm | █1748 | --- | --- | --- |
| Phosphorus | ppm | █1534 | --- | --- | --- |
| Barium | ppm | █0 | --- | --- | --- |
| Boron | ppm | █164 | --- | --- | --- |

Depot: VOLVO0013
Unique No: 11006757
Signed: Wes Davis
Report Date: 02 May 2024



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GRAPHS

