



CONSTRUCTION EQUIPMENT

19472 VOLVO L90H 626410 - FRONT AXLE



Sample No: VCP426651
Oil Type: VOLVO WB 102
Job No: 19472



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP426651 | VCP411465 | --- | --- |
| Sample Date | 14 Aug 2023 | 27 Feb 2023 | --- | --- |
| Machine Hours | 1757 | 961 | --- | --- |
| Oil Hours | 796 | 961 | --- | --- |
| Oil Changed | Not Chngd | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

IAA - INSURANCE AUTO AUCTIONS - CLAYTON
 60 SADISCO RD
 CLAYTON, NC
 US 27520
 Contact: Service Manager



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 42.9 | 40.4 | --- | --- |
|-------------|-----|-------------|------|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|-----|-----|
| Silicon | ppm | 19 | 19 | --- | --- |
| Sodium | ppm | 0 | 8 | --- | --- |
| Potassium | ppm | 2 | 3 | --- | --- |

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 | 47 | 64 | --- | --- |
| Copper | ppm | 1 | 2 | --- | --- |
| Lead | ppm | <1 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 2 | 2 | --- | --- |
| Chromium | ppm | 1 | 3 | --- | --- |
| Molybdenum | ppm | 2 | 15 | --- | --- |
| Nickel | ppm | <1 | <1 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | <1 | --- | --- |
| Manganese | ppm | 2 | 7 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 4100 | 4099 | --- | --- |
| Magnesium | ppm | 12 | 10 | --- | --- |
| Zinc | ppm | 1658 | 1654 | --- | --- |
| Phosphorus | ppm | 1346 | 1358 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 157 | 130 | --- | --- |

Depot: INSCLA
Unique No: 10617019
Signed: Wes Davis
Report Date: 24 Aug 2023



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GRAPHS

