



CONSTRUCTION EQUIPMENT

9152 LKQ CURTIS BAY VOLVO L90H 625992 - FRONT AXLE



Sample No: VCP423083
Oil Type: VOLVO WB 102
Job No: 9152 LKQ CURTIS BAY



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP423083 | VCP341198 | --- | --- |
| Sample Date | 27 Jun 2023 | 13 Oct 2022 | --- | --- |
| Machine Hours | 2281 | 1256 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 41.8 | 40.4 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|-----|-----|
| Silicon | ppm | 14 | 12 | --- | --- |
| Sodium | ppm | 1 | 9 | --- | --- |
| Potassium | ppm | 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 | 30 | 73 | --- | --- |
| Copper | ppm | 0 | <1 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | 0 | <1 | --- | --- |
| Aluminum | ppm | 1 | 0 | --- | --- |
| Chromium | ppm | 1 | 3 | --- | --- |
| Molybdenum | ppm | 2 | 8 | --- | --- |
| Nickel | ppm | 0 | <1 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 2 | 11 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 4026 | 3956 | --- | --- |
| Magnesium | ppm | 15 | 18 | --- | --- |
| Zinc | ppm | 1670 | 1649 | --- | --- |
| Phosphorus | ppm | 1319 | 1291 | --- | --- |
| Barium | ppm | 0 | 2 | --- | --- |
| Boron | ppm | 139 | 130 | --- | --- |

Depot: VOLVO0150
Unique No: 10552844
Signed: Jonathan Hester
Report Date: 17 Jul 2023



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GRAPHS

