



CONSTRUCTION EQUIPMENT

A11171 VOLVO L110H 632556 - FRONT AXLE



Sample No: VCP430834
Oil Type: MOBIL WB 102
Job No: A11171



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP430834 | --- | --- | --- |
| Sample Date | 05 Oct 2023 | --- | --- | --- |
| Machine Hours | 1195 | --- | --- | --- |
| Oil Hours | 1195 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

HMR ASSOCIATES
 PO BOX 485
 TOUGHKENAMON, PA
 US 19374
 Contact: SERVICE MANAGER



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █41.7 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

T:
 F: (610)268-2225



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | █27 | --- | --- | --- |
| Sodium | ppm | █<1 | --- | --- | --- |
| Potassium | ppm | █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 | █321 | --- | --- | --- |
| Copper | ppm | █1 | --- | --- | --- |
| Lead | ppm | █<1 | --- | --- | --- |
| Tin | ppm | █0 | --- | --- | --- |
| Aluminum | ppm | █0 | --- | --- | --- |
| Chromium | ppm | █7 | --- | --- | --- |
| Molybdenum | ppm | 16 | --- | --- | --- |
| Nickel | ppm | █2 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 15 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 3967 | --- | --- | --- |
| Magnesium | ppm | 11 | --- | --- | --- |
| Zinc | ppm | 1671 | --- | --- | --- |
| Phosphorus | ppm | 1306 | --- | --- | --- |
| Barium | ppm | 1 | --- | --- | --- |
| Boron | ppm | 120 | --- | --- | --- |

Depot: HMRTOU
Unique No: 10689336
Signed: Don Baldrige
Report Date: 16 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

