



CONSTRUCTION EQUIPMENT

SW0067960 HERC VOLVO L70H 623539 - FRONT AXLE



Sample No: VCP430854
Oil Type: VOLVO WB 102
Job No: SW0067960 HERC



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP430854 | --- | --- | --- |
| Sample Date | 30 Nov 2023 | --- | --- | --- |
| Machine Hours | 1978 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

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OIL CONDITION

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



CONTAMINATION

| | | | | | |
|-----------|-----|---------|-----|-----|-----|
| Water | % | ▲ 0.262 | --- | --- | --- |
| Silicon | ppm | █ 16 | --- | --- | --- |
| Sodium | ppm | █ 5 | --- | --- | --- |
| Potassium | ppm | █ 0 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 62 | --- | --- | --- |
| Copper | ppm | █ 2 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ <1 | --- | --- | --- |
| Chromium | ppm | █ 3 | --- | --- | --- |
| Molybdenum | ppm | █ 10 | --- | --- | --- |
| Nickel | ppm | █ 1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 9 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 3944 | --- | --- | --- |
| Magnesium | ppm | █ 0 | --- | --- | --- |
| Zinc | ppm | █ 1629 | --- | --- | --- |
| Phosphorus | ppm | █ 1339 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 127 | --- | --- | --- |

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8247
Unique No: 10769936
Signed: Sean Felton
Report Date: 07 Dec 2023



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GRAPHS

