



CONSTRUCTION EQUIPMENT

VOLVO L120H 632841 - FRONT AXLE



Sample No: VCP0008148
Oil Type: TDH FLUID SAE 70W80
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP0008148 | VCP303960 | --- | --- |
| Sample Date | 25 Jan 2024 | 19 Mar 2021 | --- | --- |
| Machine Hours | 8601 | 1036 | --- | --- |
| Oil Hours | 7565 | 1036 | --- | --- |
| Oil Changed | N/A | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
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 US 32256
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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 38.2 | 40.0 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 16 | 14 | --- | --- |
| Sodium | ppm | 4 | 11 | --- | --- |
| Potassium | ppm | 2 | 0 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 | 91 | 192 | --- | --- |
| Copper | ppm | <1 | 2 | --- | --- |
| Lead | ppm | 0 | 2 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 2 | 1 | --- | --- |
| Chromium | ppm | 2 | 6 | --- | --- |
| Molybdenum | ppm | 1 | 9 | --- | --- |
| Nickel | ppm | <1 | <1 | --- | --- |
| Titanium | ppm | 2 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 3 | 14 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|------|-----|-----|
| Calcium | ppm | 3207 | 3971 | --- | --- |
| Magnesium | ppm | 14 | 8 | --- | --- |
| Zinc | ppm | 1325 | 1619 | --- | --- |
| Phosphorus | ppm | 1116 | 1248 | --- | --- |
| Barium | ppm | <1 | 0 | --- | --- |
| Boron | ppm | 115 | 121 | --- | --- |

Depot: VOLVO0092
Unique No: 10858267
Signed: Sean Felton
Report Date: 02 Feb 2024



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GRAPHS

