



CONSTRUCTION EQUIPMENT

SW-29162-1 BROKEN VOLVO L220F 6241 - TRANSMISSION (AUTO)



Sample No: VCP435872
Oil Type: {unknown}
Job No: SW-29162-1 BROKEN



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP435872 | --- | --- | --- |
| Sample Date | 22 Jan 2024 | --- | --- | --- |
| Machine Hours | 22020 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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 56195 PONTIAC TRAIL
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 US 48165
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 F: (248)356-2029



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 37.9 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ■ 7 | --- | --- | --- |
| Sodium | ppm | ■ 4 | --- | --- | --- |
| Potassium | ppm | ■ 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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ■ 10 | --- | --- | --- |
| Copper | ppm | ■ 4 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ <1 | --- | --- | --- |
| Aluminum | ppm | ■ 0 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | 2 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | 0 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 924 | --- | --- | --- |
| Magnesium | ppm | 6 | --- | --- | --- |
| Zinc | ppm | 427 | --- | --- | --- |
| Phosphorus | ppm | 678 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 169 | --- | --- | --- |

Depot: VOLVO2990
Unique No: 10845517
Signed: Jonathan Hester
Report Date: 26 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



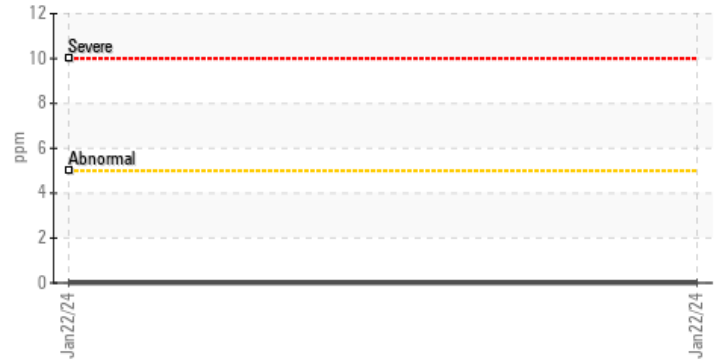
Lead (ppm)



Aluminum (ppm)



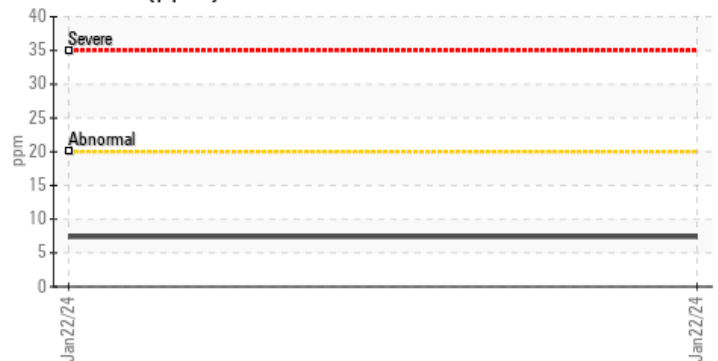
Chromium (ppm)



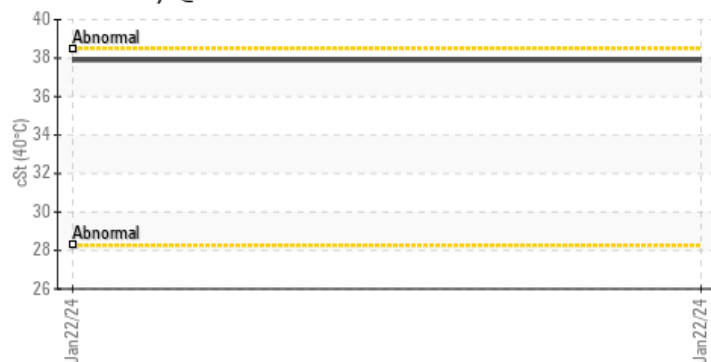
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

