



CONSTRUCTION EQUIPMENT

674503 VOLVO L110G 8200 - TRANSMISSION (AUTO)



Sample No: VCP440891
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 674503



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP440891 | VCP388732 | VCP255635 | VCP214676 |
| Sample Date | 22 Feb 2024 | 02 Sep 2022 | 19 Sep 2019 | 19 Dec 2017 |
| Machine Hours | 17946 | 15914 | 12017 | 9004 |
| Oil Hours | 0 | 4000 | 0 | 1000 |
| Oil Changed | Not Changed | Changed | Changed | N/A |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

BLAZE CONSTRUCTION

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|-------|
| Visc @ 40°C | cSt | 28.4 | 27.4 | 23.0 | 24.03 |
|-------------|-----|-------------|------|------|-------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 3 | 3 | 3 | 8 |
| Sodium | ppm | 2 | <1 | 7 | 5 |
| Potassium | ppm | 1 | 1 | 1 | <1 |

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 | 8 | 10 | 23 | 23 |
| Copper | ppm | 2 | 2 | 4 | 2 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | <1 | 0 | <1 | 0 |
| Aluminum | ppm | <1 | <1 | 3 | 2 |
| Chromium | ppm | <1 | <1 | <1 | <1 |
| Molybdenum | ppm | <1 | <1 | <1 | <1 |
| Nickel | ppm | <1 | 0 | 0 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | <1 | 0 | 0 |
| Manganese | ppm | <1 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 141 | 413 | 113 | 110 |
| Magnesium | ppm | 2 | 4 | <1 | 2 |
| Zinc | ppm | 36 | 154 | 36 | 33 |
| Phosphorus | ppm | 213 | 261 | 254 | 254 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 87 | 73 | 93 | 88 |

Depot: BLADET
Unique No: 10901624
Signed: Wes Davis
Report Date: 29 Feb 2024

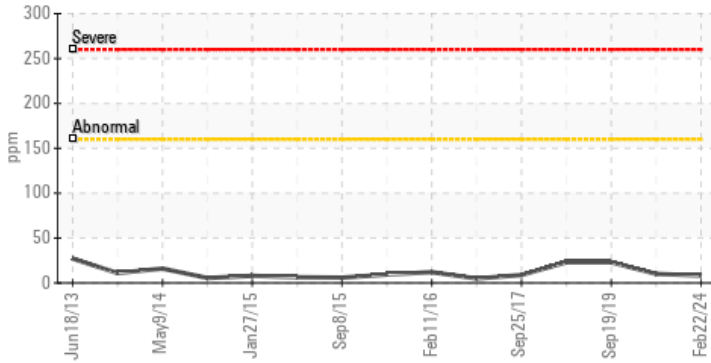


CONSTRUCTION EQUIPMENT

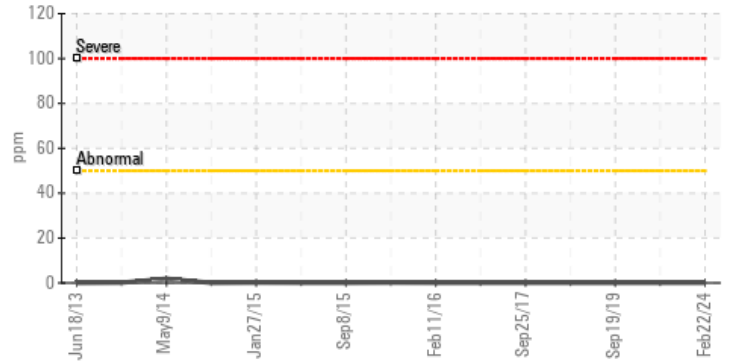


GRAPHS

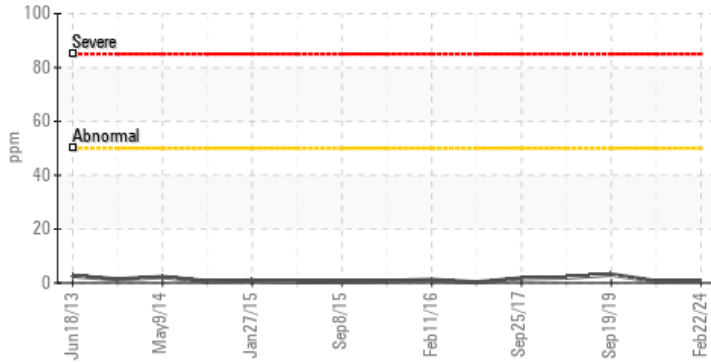
Iron (ppm)



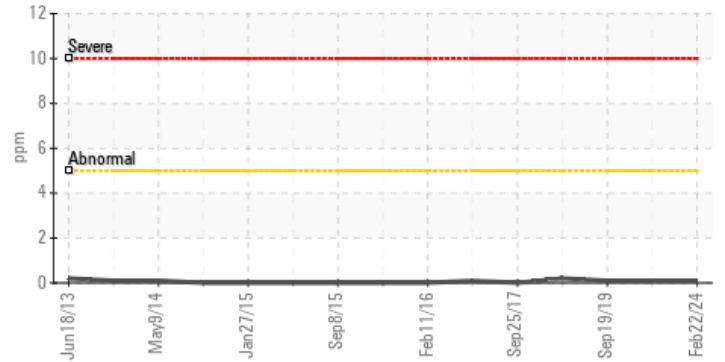
Lead (ppm)



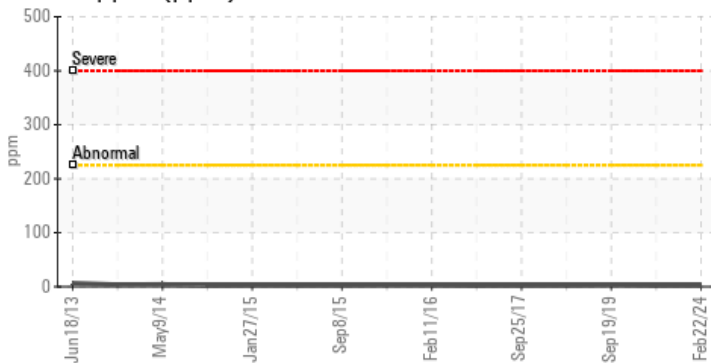
Aluminum (ppm)



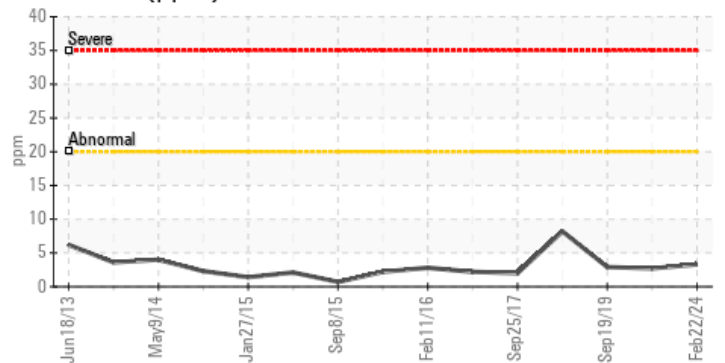
Chromium (ppm)



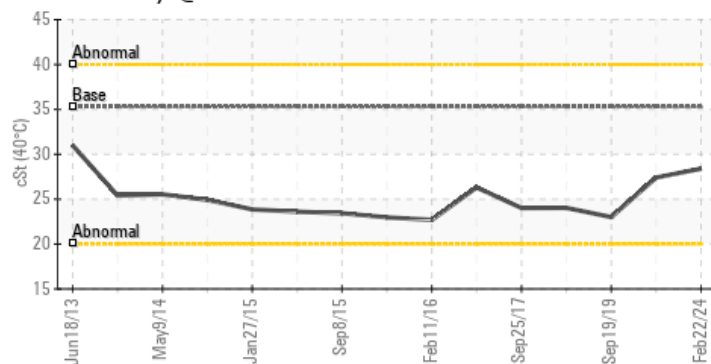
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

