



CONSTRUCTION EQUIPMENT

41765 VOLVO A25G 752067 - TRANSMISSION (AUTO)



Sample No: VCP447067
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 41765



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP447067 | --- | --- | --- |
| Sample Date | 03 Apr 2024 | --- | --- | --- |
| Machine Hours | 2534 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 29.5 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

T: (803)923-2138
 F: (803)791-9920



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 15 | --- | --- | --- |
| Sodium | ppm | █ 9 | --- | --- | --- |
| Potassium | ppm | █ 5 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The tin level is abnormal. The nickel level is abnormal. 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 | █ 62 | --- | --- | --- |
| Copper | ppm | █ 97 | --- | --- | --- |
| Lead | ppm | █ 2 | --- | --- | --- |
| Tin | ppm | ▲ 17 | --- | --- | --- |
| Aluminum | ppm | █ 43 | --- | --- | --- |
| Chromium | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | ▲ 16 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ 5 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 164 | --- | --- | --- |
| Magnesium | ppm | █ 1 | --- | --- | --- |
| Zinc | ppm | 6 | --- | --- | --- |
| Phosphorus | ppm | █ 284 | --- | --- | --- |
| Barium | ppm | █ 2 | --- | --- | --- |
| Boron | ppm | █ 73 | --- | --- | --- |

Depot: VOLVO0013
Unique No: 10965131
Signed: Don Baldrige
Report Date: 09 Apr 2024

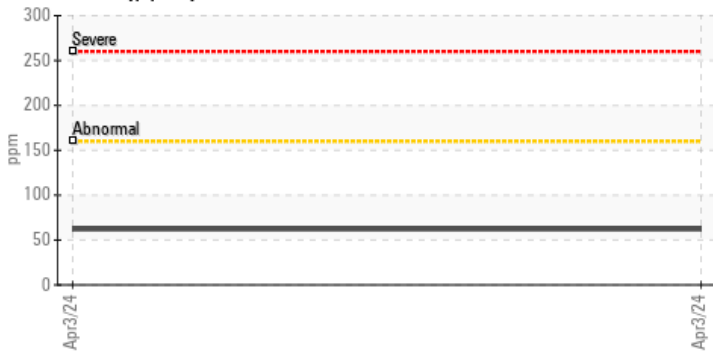


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GRAPHS

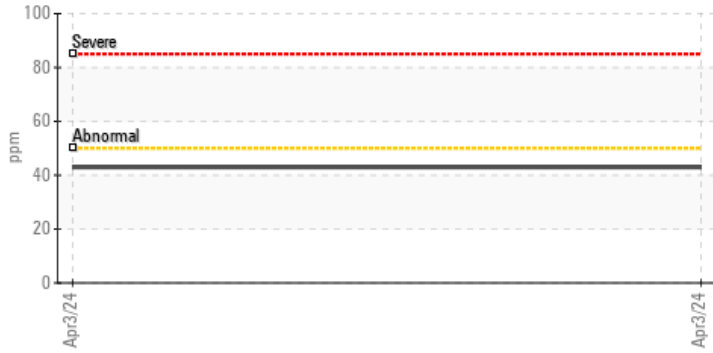
Iron (ppm)



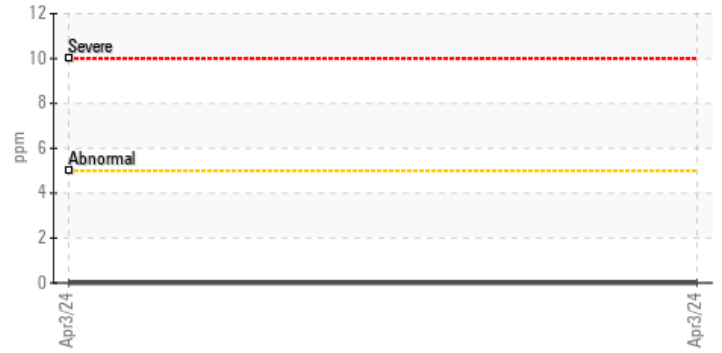
Lead (ppm)



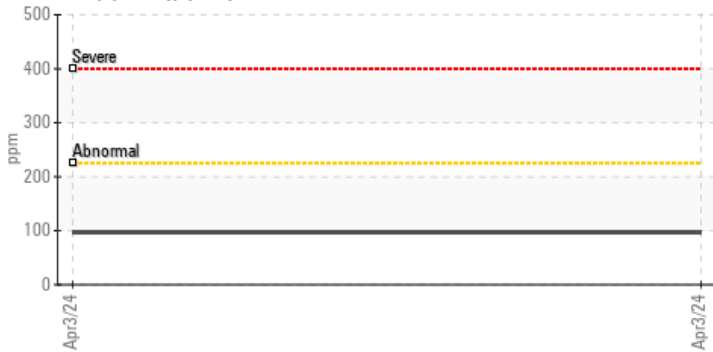
Aluminum (ppm)



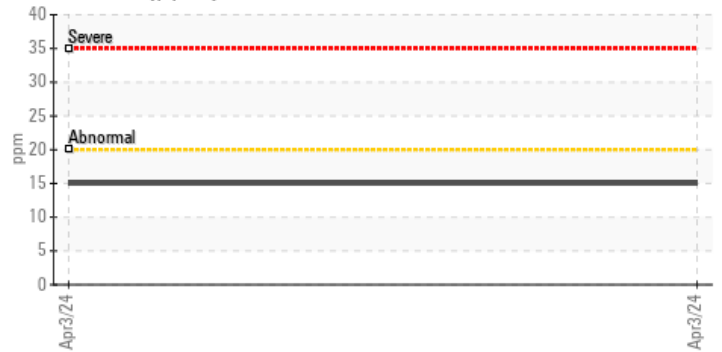
Chromium (ppm)



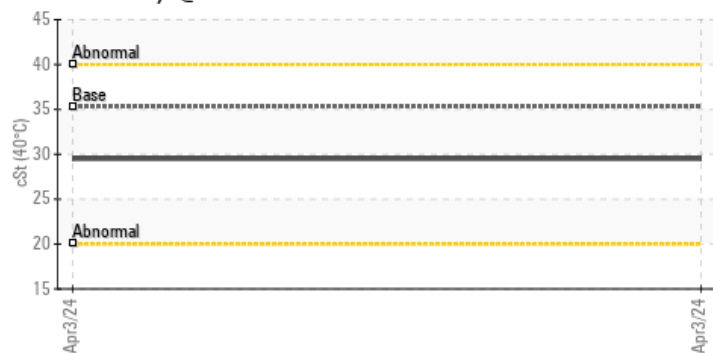
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

