



CONSTRUCTION EQUIPMENT

VOLVO L180H 1156 - TRANSMISSION (AUTO)



Sample No: VCP0007962

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP0007962 | VCP0002543 | VCP0002555 | VCP362416 |
| Sample Date | 28 Nov 2023 | 15 Nov 2022 | 26 Jul 2022 | 04 Apr 2022 |
| Machine Hours | 10299 | 4216 | 4216 | 2852 |
| Oil Hours | 10299 | 4216 | 4216 | 2852 |
| Oil Changed | N/A | N/A | N/A | Not Changd |
| Sample Status | MARGINAL | NORMAL | NORMAL | NORMAL |

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
shawn.northcraft@altg.com
T: (904)737-6000
F: (904)737-1260



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 29.3 | 28.0 | 26.1 | 26.5 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | 0.127 | NEG | NEG | NEG |
| Silicon | ppm | 1 | 4 | 8 | 7 |
| Sodium | ppm | 1 | 0 | 3 | 5 |
| Potassium | ppm | 0 | 1 | 2 | <1 |

Diagnosis

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 trace of moisture present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|----------|----|-----|----|
| Iron | ppm | 0 | 77 | 159 | 88 |
| Copper | ppm | 0 | 5 | 9 | 7 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 0 | 0 | 2 | 2 |
| Chromium | ppm | 0 | <1 | <1 | <1 |
| Molybdenum | ppm | 0 | <1 | <1 | <1 |
| Nickel | ppm | 0 | 0 | 0 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | <1 |
| Manganese | ppm | 0 | 2 | 6 | 5 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 76 | 82 | 106 | 111 |
| Magnesium | ppm | <1 | <1 | 1 | 0 |
| Zinc | ppm | 43 | 9 | 24 | 19 |
| Phosphorus | ppm | 218 | 184 | 146 | 156 |
| Barium | ppm | 0 | 0 | 2 | 0 |
| Boron | ppm | 92 | 79 | 48 | 48 |

Depot: VOLVO0092
Unique No: 10766389
Signed: Don Baldrige
Report Date: 04 Dec 2023

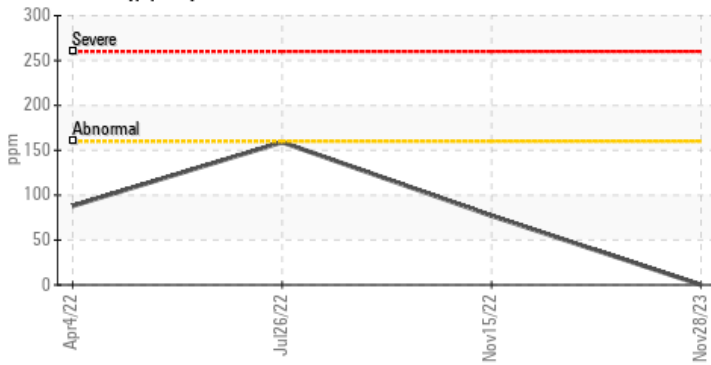


CONSTRUCTION EQUIPMENT

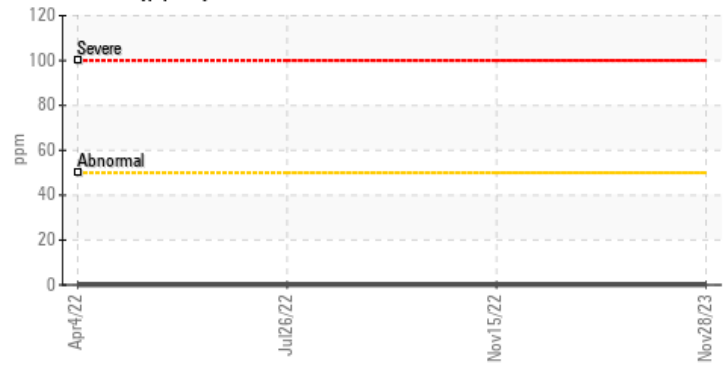


GRAPHS

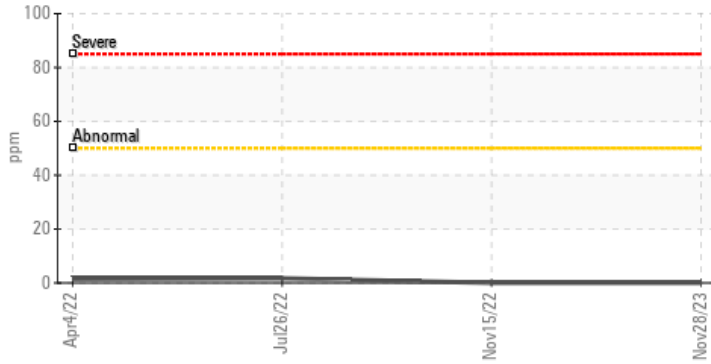
Iron (ppm)



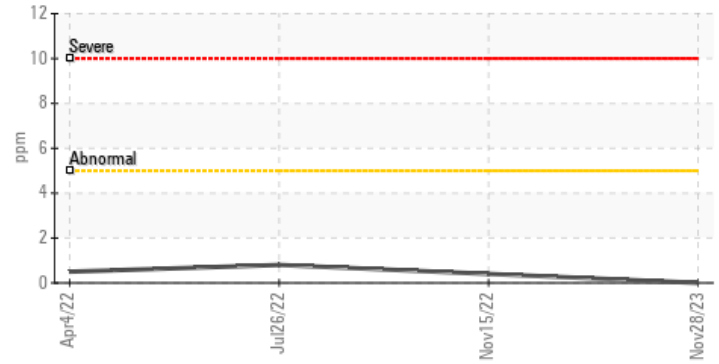
Lead (ppm)



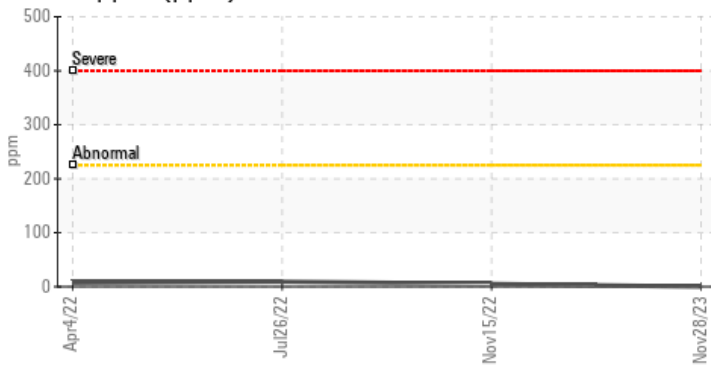
Aluminum (ppm)



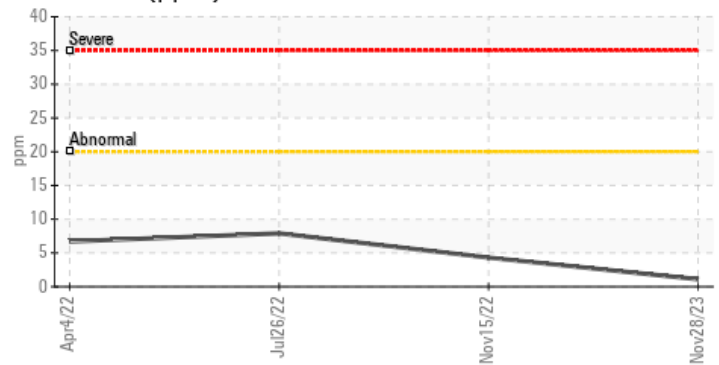
Chromium (ppm)



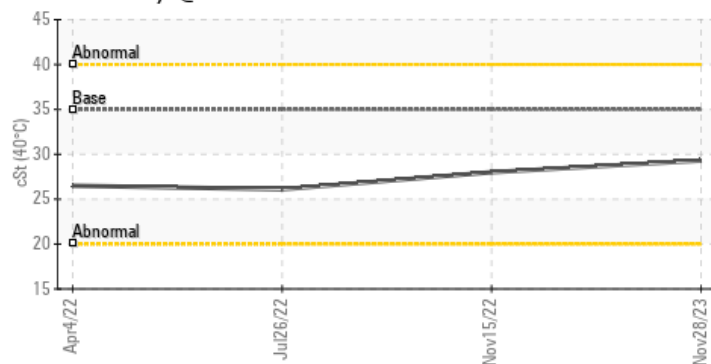
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Water

