



CONSTRUCTION EQUIPMENT

WETHERING TRACTOR VOLVO A25G 752113 - TRANSMISSION



Sample No: VCP435790
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: WETHERING TRACTOR



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP435790 | VCP360682 | --- | --- |
| Sample Date | 05 Oct 2023 | 09 Apr 2022 | --- | --- |
| Machine Hours | 2686 | 1636 | --- | --- |
| Oil Hours | 0 | 1636 | --- | --- |
| Oil Changed | N/A | Not Changd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|--------|-----|-----|
| Visc @ 40°C | cSt | 29.6 | ■ 30.3 | --- | --- |
|-------------|-----|-------------|--------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-------------|------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | ■ 14 | ■ 12 | --- | --- |
| Sodium | ppm | ■ 8 | ■ 7 | --- | --- |
| Potassium | ppm | ■ 2 | ■ 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 | ■ 44 | ■ 32 | --- | --- |
| Copper | ppm | ■ 51 | ■ 41 | --- | --- |
| Lead | ppm | ■ 0 | ■ 0 | --- | --- |
| Tin | ppm | ■ 10 | ■ 7 | --- | --- |
| Aluminum | ppm | ■ 34 | ■ 28 | --- | --- |
| Chromium | ppm | ■ 0 | ■ 0 | --- | --- |
| Molybdenum | ppm | ■ 0 | ■ 0 | --- | --- |
| Nickel | ppm | ■ 7 | ■ 6 | --- | --- |
| Titanium | ppm | ■ 0 | 0 | --- | --- |
| Silver | ppm | ■ 0 | 0 | --- | --- |
| Manganese | ppm | ■ 4 | ■ 4 | --- | --- |
| Vanadium | ppm | ■ 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-------|-----|-----|
| Calcium | ppm | ■ 163 | ■ 167 | --- | --- |
| Magnesium | ppm | ■ 4 | ■ 0 | --- | --- |
| Zinc | ppm | ■ 8 | 4 | --- | --- |
| Phosphorus | ppm | ■ 263 | ■ 259 | --- | --- |
| Barium | ppm | ■ 2 | ■ 0 | --- | --- |
| Boron | ppm | ■ 83 | ■ 86 | --- | --- |

Depot: RIPTAM
Unique No: 10699948
Signed: Sean Felton
Report Date: 19 Oct 2023

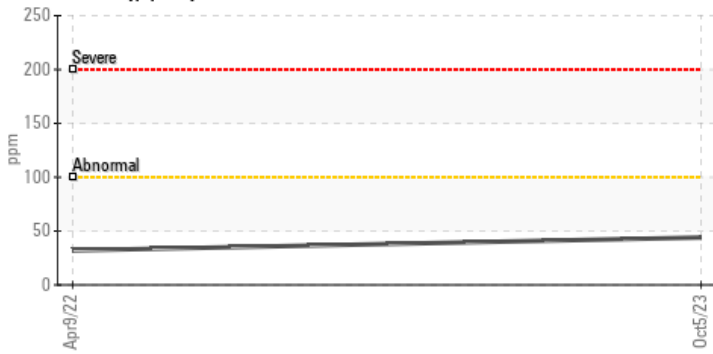


CONSTRUCTION EQUIPMENT

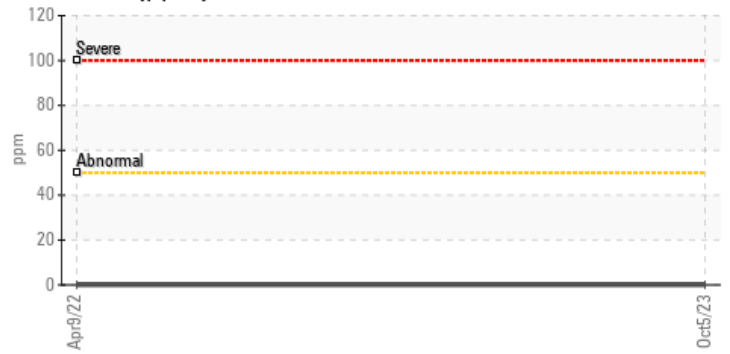


GRAPHS

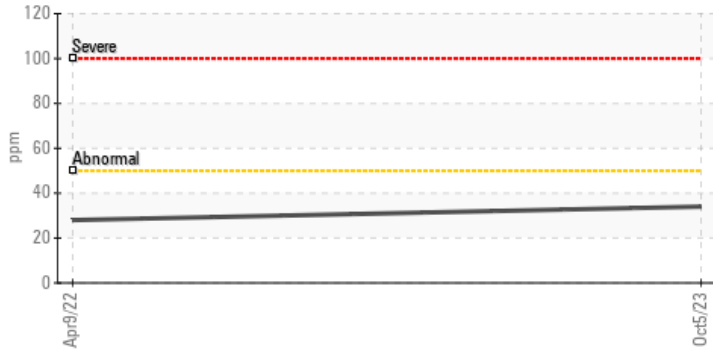
Iron (ppm)



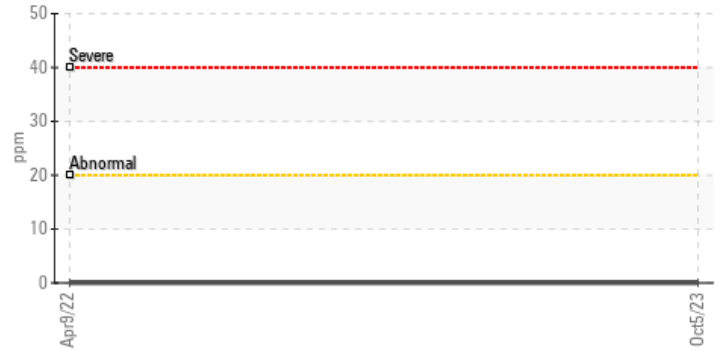
Lead (ppm)



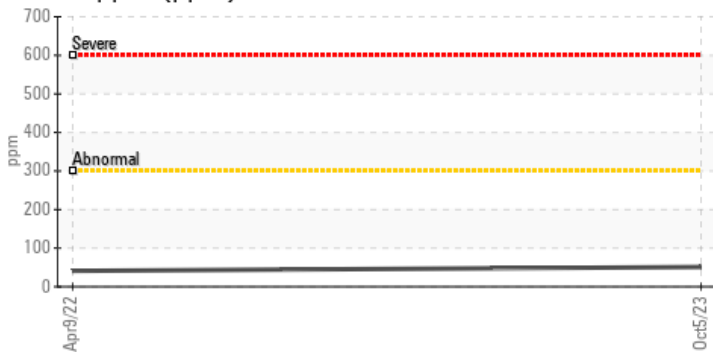
Aluminum (ppm)



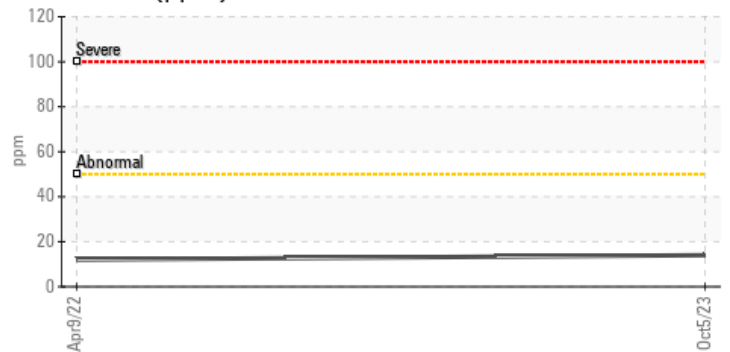
Chromium (ppm)



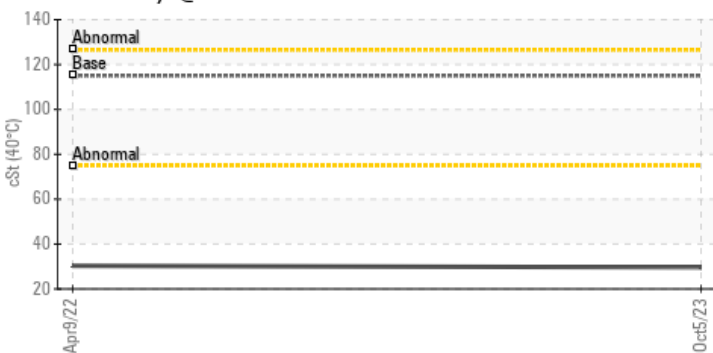
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

