



CONSTRUCTION EQUIPMENT

SPM581084 WASTE MGMT VOLVO L150H 7152 - FRONT AXLE



Sample No: VCP420657
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM581084 WASTE MGMT



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP420657 | VCP409350 | VCP416580 | VCP405961 |
| Sample Date | 26 Jul 2023 | 05 Jul 2023 | 25 May 2023 | 24 Apr 2023 |
| Machine Hours | 1575 | 1396 | 1087 | 867 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 40.2 | 40.5 | 40.8 | 41.0 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|----|----|
| Silicon | ppm | 12 | 20 | 16 | 16 |
| Sodium | ppm | 8 | 11 | 11 | 11 |
| Potassium | ppm | 3 | 2 | 1 | 2 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 38 | 210 | 144 | 127 |
| Copper | ppm | 2 | 1 | 1 | 0 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | 2 | 1 | 2 |
| Chromium | ppm | 2 | 4 | 3 | 3 |
| Molybdenum | ppm | 3 | 9 | 8 | 8 |
| Nickel | ppm | <1 | <1 | <1 | 0 |
| Titanium | ppm | 0 | <1 | <1 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 3 | 10 | 8 | 8 |
| Vanadium | ppm | 0 | <1 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 3876 | 4050 | 3760 | 3971 |
| Magnesium | ppm | 9 | 15 | 14 | 13 |
| Zinc | ppm | 1621 | 1654 | 1530 | 1609 |
| Phosphorus | ppm | 1335 | 1343 | 1226 | 1346 |
| Barium | ppm | 1 | 0 | 0 | 0 |
| Boron | ppm | 146 | 131 | 136 | 135 |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10602457
Signed: Wes Davis
Report Date: 12 Aug 2023

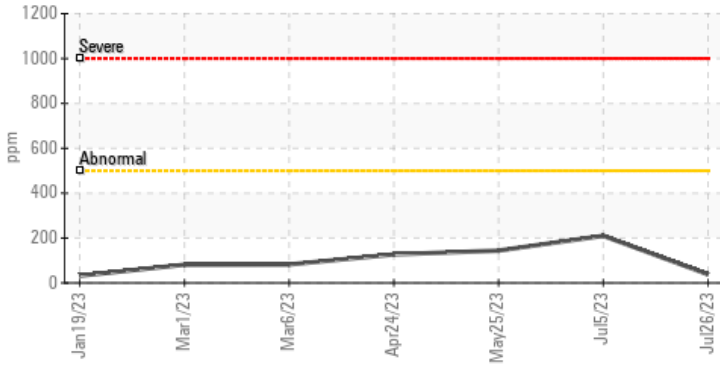


CONSTRUCTION EQUIPMENT

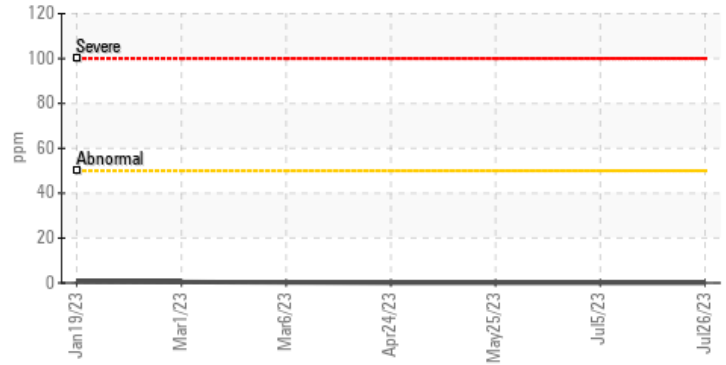


GRAPHS

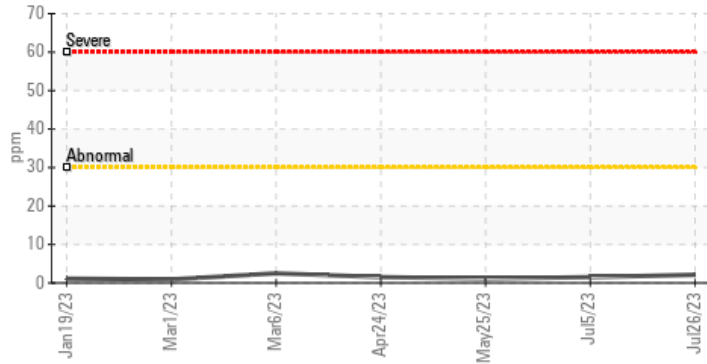
Iron (ppm)



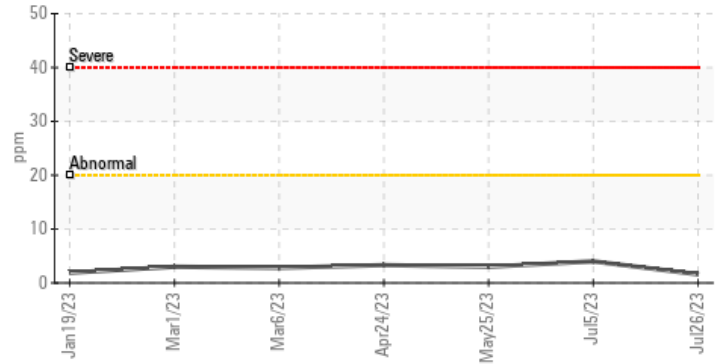
Lead (ppm)



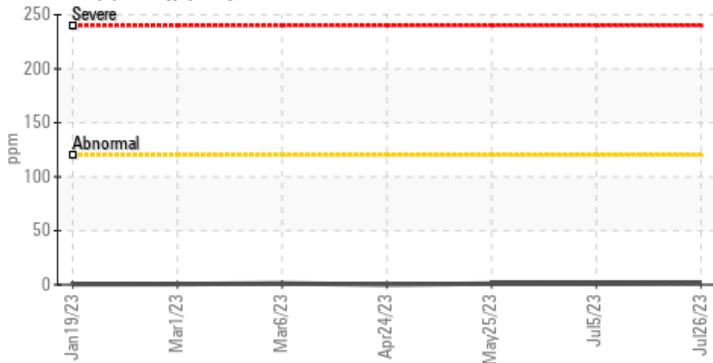
Aluminum (ppm)



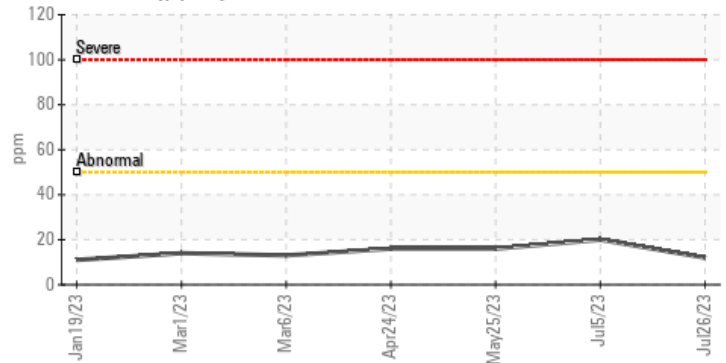
Chromium (ppm)



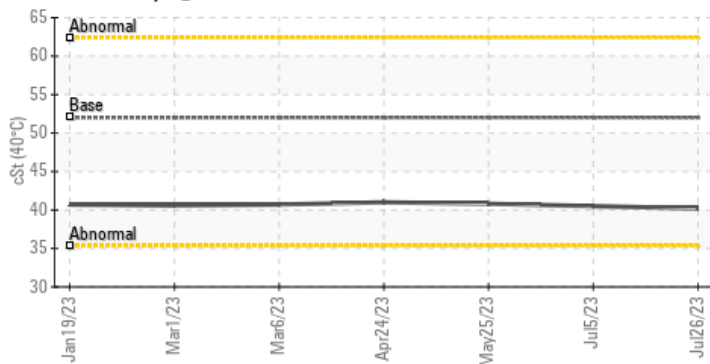
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

