



CONSTRUCTION EQUIPMENT

GDS ENERGIE 381839 VOLVO L110H 632153 - REAR AXLE



Sample No: VCP353357
Oil Type: VOLVO WB 102
Job No: 381839



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP353357 | VCP391717 | VCP352729 | VCP353300 |
| Sample Date | 25 Oct 2023 | 24 Apr 2023 | 20 Feb 2023 | 26 Oct 2022 |
| Machine Hours | 11255 | 8330 | 7033 | 4868 |
| Oil Hours | 0 | 2000 | 2000 | 0 |
| Oil Changed | Changed | N/A | Not Changd | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam
St-Augustin-de-Desmaures, QC
CA G3A 2K2
Contact: Michel Lepage
mlepage@strongco.com
T: (418)870-1700
F: (418)870-1701



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 43.2 | 42.6 | 43.3 | 43.1 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|----|----|
| Silicon | ppm | 13 | 11 | 10 | 12 |
| Sodium | ppm | <1 | <1 | <1 | 3 |
| Potassium | ppm | 0 | 2 | <1 | <1 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 65 | 26 | 15 | 88 |
| Copper | ppm | <1 | <1 | 0 | 1 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | 2 | 2 | 2 |
| Chromium | ppm | <1 | <1 | 0 | 2 |
| Molybdenum | ppm | 0 | 0 | 0 | <1 |
| Nickel | ppm | <1 | <1 | <1 | <1 |
| Titanium | ppm | 0 | <1 | <1 | <1 |
| Silver | ppm | 0 | 0 | 0 | <1 |
| Manganese | ppm | <1 | <1 | <1 | 2 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 4559 | 3959 | 4030 | 4264 |
| Magnesium | ppm | 17 | 14 | 14 | 13 |
| Zinc | ppm | 1792 | 1605 | 1631 | 1634 |
| Phosphorus | ppm | 1477 | 1426 | 1440 | 1402 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 125 | 107 | 111 | 118 |

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5670787
Signed: Wes Davis
Report Date: 02 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

