



CONSTRUCTION EQUIPMENT

371030 VOLVO L120H 632776 - FRONT AXLE



Sample No: VCP392297
Oil Type: VOLVO WB 102
Job No: 371030



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP392297 | VCP353175 | VCP333671 | VCP333993 |
| Sample Date | 07 Jul 2023 | 13 Mar 2023 | 28 Jun 2022 | 16 Feb 2022 |
| Machine Hours | 16001 | 14018 | 10036 | 8187 |
| Oil Hours | 2000 | 2000 | 2000 | 2000 |
| Oil Changed | Changed | N/A | Not Changd | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 42.6 | 42.6 | 42.2 | 43.3 |
|-------------|-----|-------------|------|------|------|

CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|---|----|
| Silicon | ppm | 15 | 12 | 9 | 11 |
| Sodium | ppm | <1 | 1 | 8 | 9 |
| Potassium | ppm | <1 | 1 | 1 | 1 |

WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|-----|
| Iron | ppm | 32 | 35 | 17 | 104 |
| Copper | ppm | <1 | <1 | <1 | 1 |
| Lead | ppm | 0 | 0 | <1 | <1 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 1 | 1 | <1 | 1 |
| Chromium | ppm | <1 | <1 | 0 | 2 |
| Molybdenum | ppm | <1 | 0 | 0 | <1 |
| Nickel | ppm | 0 | 0 | 0 | <1 |
| Titanium | ppm | 0 | <1 | <1 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | <1 | <1 | 2 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |

ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 4080 | 4238 | 3814 | 3642 |
| Magnesium | ppm | 15 | 13 | 9 | 12 |
| Zinc | ppm | 1619 | 1652 | 1619 | 1581 |
| Phosphorus | ppm | 1374 | 1436 | 1361 | 1389 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 115 | 117 | 104 | 110 |

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: 5607473
Signed: Wes Davis
Report Date: 17 Jul 2023



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GRAPHS

