



CONSTRUCTION EQUIPMENT

387633 VOLVO L120H 632068 - REAR AXLE



Sample No: VCP393032
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 387633



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP393032 | VCP353123 | VCP349619 | VCP332647 |
| Sample Date | 07 Dec 2023 | 08 Mar 2023 | 13 Sep 2022 | 18 Feb 2022 |
| Machine Hours | 31991 | 29862 | 27664 | 24222 |
| Oil Hours | 2000 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 48.3 | 48.7 | 50.4 | 51.8 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----------|-----|-----|-----|
| Silicon | ppm | 35 | 15 | 18 | 15 |
| Sodium | ppm | 1 | <1 | 7 | 7 |
| Potassium | ppm | 0 | <1 | 0 | <1 |

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.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 43 | 17 | 39 | 17 |
| Copper | ppm | <1 | 0 | 0 | <1 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | 1 | 1 | <1 |
| Chromium | ppm | <1 | 0 | <1 | <1 |
| Molybdenum | ppm | 0 | <1 | <1 | <1 |
| Nickel | ppm | <1 | 0 | <1 | <1 |
| Titanium | ppm | 0 | <1 | <1 | 0 |
| Silver | ppm | <1 | 0 | 0 | 0 |
| Manganese | ppm | 0 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|------|------|------|
| Calcium | ppm | 3797 | 3725 | 3881 | 3532 |
| Magnesium | ppm | 15 | 13 | 19 | 16 |
| Zinc | ppm | 1459 | 1455 | 1467 | 1480 |
| Phosphorus | ppm | 1170 | 1267 | 1283 | 1188 |
| Barium | ppm | <1 | 0 | 0 | 0 |
| Boron | ppm | 111 | 101 | 115 | 108 |

Depot: VOLVO9652
Unique No: 5695996
Signed: Wes Davis
Report Date: 13 Dec 2023



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VOLVO GRAPHS

