



CONSTRUCTION EQUIPMENT

IMPACT AUTO 8-387334 VOLVO L90H 624434 - FRONT AXLE



Sample No: VCP393103
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 8-387334



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP393103 | VCP352714 | VCP273016 | VCP233151 |
| Sample Date | 17 Jan 2024 | 10 Jan 2023 | 16 Sep 2020 | 17 May 2019 |
| Machine Hours | 10170 | 8143 | 3970 | 2007 |
| Oil Hours | 2000 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Not Changd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 41.7 | 39.4 | 39.1 | 39.9 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----------|-----|-----|-----|
| Silicon | ppm | 14 | 11 | 12 | 11 |
| Sodium | ppm | 1 | 8 | 9 | 10 |
| Potassium | ppm | 1 | <1 | 1 | 1 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 23 | 48 | 91 | 61 |
| Copper | ppm | <1 | <1 | 1 | <1 |
| Lead | ppm | 0 | 0 | 0 | <1 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | 1 | <1 | <1 |
| Chromium | ppm | <1 | 1 | 4 | 3 |
| Molybdenum | ppm | <1 | 4 | 16 | 14 |
| Nickel | ppm | <1 | <1 | <1 | <1 |
| Titanium | ppm | 0 | <1 | <1 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 3 | 9 | 7 |
| Vanadium | ppm | 0 | 0 | <1 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|------|
| Calcium | ppm | 4236 | 4258 | 4086 | 4062 |
| Magnesium | ppm | 16 | 18 | 10 | 10 |
| Zinc | ppm | 1642 | 1672 | 1682 | 1672 |
| Phosphorus | ppm | 1337 | 1427 | 1385 | 1328 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 120 | 118 | 119 | 113 |

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.

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: SHEMIS
Unique No: 5711467
Signed: Wes Davis
Report Date: 22 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

