



CONSTRUCTION EQUIPMENT

A10772 IAA VOLVO L90G 617343 - TRANSMISSION (AUTO)



Sample No: VCP411918

Oil Type: MOBIL ATF

Job No: A10772 IAA



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP411918 | VCP278582 | VCP289190 | VCP220677 |
| Sample Date | 28 Jul 2023 | 13 Aug 2021 | 17 Sep 2020 | 02 Aug 2018 |
| Machine Hours | 12075 | 9790 | 8775 | 5890 |
| Oil Hours | 2000 | 1000 | 4000 | 2000 |
| Oil Changed | Changed | Not Changd | Changed | Not Changd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |



HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE

LIONVILLE, PA

US 19341

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|-------|
| Visc @ 40°C | cSt | 26.1 | 26.6 | 26.6 | 26.00 |
|-------------|-----|-------------|------|------|-------|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|----|----|---|
| Silicon | ppm | 5 | 4 | 9 | 7 |
| Sodium | ppm | 0 | 5 | 10 | 9 |
| Potassium | ppm | 2 | <1 | 0 | 0 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 37 | 30 | 59 | 42 |
| Copper | ppm | 10 | 8 | 14 | 10 |
| Lead | ppm | <1 | 0 | 0 | <1 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | <1 | 4 | 2 |
| Chromium | ppm | 0 | <1 | <1 | <1 |
| Molybdenum | ppm | 4 | 2 | 2 | 2 |
| Nickel | ppm | 0 | 0 | <1 | <1 |
| Titanium | ppm | <1 | 0 | <1 | <1 |
| Silver | ppm | <1 | 0 | 0 | 0 |
| Manganese | ppm | 2 | 2 | 3 | 3 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 187 | 181 | 265 | 233 |
| Magnesium | ppm | 20 | 14 | 20 | 18 |
| Zinc | ppm | 67 | 55 | 108 | 100 |
| Phosphorus | ppm | 209 | 218 | 257 | 240 |
| Barium | ppm | 2 | 0 | <1 | <1 |
| Boron | ppm | 74 | 87 | 59 | 66 |

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: VOLVO8879

Unique No: 10601825

Signed: Jonathan Hester

Report Date: 15 Aug 2023



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GRAPHS

