



CONSTRUCTION EQUIPMENT

VOLVO L90H 624608 - TRANSMISSION



Sample No: VCP412069
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP412069 | --- | --- | --- |
| Sample Date | 24 Aug 2023 | --- | --- | --- |
| Machine Hours | 3850 | --- | --- | --- |
| Oil Hours | 4000 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

IAA - INSURANCE AUTO AUCTIONS - TIDEWATER
 211 PRODUCTION DR
 YORKTOWN, VA
 US 23693
 Contact: Service Manager



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 26.2 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | █ 10 | --- | --- | --- |
| Sodium | ppm | █ 9 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 82 | --- | --- | --- |
| Copper | ppm | █ 7 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 0 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 9 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | █ 85 | --- | --- | --- |
| Magnesium | ppm | █ 0 | --- | --- | --- |
| Zinc | ppm | █ 38 | --- | --- | --- |
| Phosphorus | ppm | 112 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 37 | --- | --- | --- |

Depot: IAATID
Unique No: 10714558
Signed: Wes Davis
Report Date: 30 Oct 2023



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GRAPHS

