



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3068 - TRANSMISSION (AUTO)



Sample No: VCP401919
Oil Type: MOBIL ATF
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP401919 | VCP341683 | VCP272330 | --- |
| Sample Date | 09 Jan 2024 | 03 Mar 2022 | 09 Dec 2020 | --- |
| Machine Hours | 12343 | 8057 | 4841 | --- |
| Oil Hours | 0 | 0 | 0 | --- |
| Oil Changed | Changed | Changed | Changed | --- |
| Sample Status | ABNORMAL | NORMAL | ABNORMAL | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|-----|
| Visc @ 40°C | cSt | 25.7 | 26.3 | 25.8 | --- |
|-------------|-----|-------------|------|------|-----|



CONTAMINATION

| Water | % | NEG | NEG | NEG | --- |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 3 | 5 | 5 | --- |
| Sodium | ppm | 0 | <1 | 5 | --- |
| Potassium | ppm | 1 | 1 | 0 | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 173 | 136 | 177 | --- |
| Copper | ppm | 7 | 7 | 15 | --- |
| Lead | ppm | 0 | <1 | 0 | --- |
| Tin | ppm | 0 | 0 | 0 | --- |
| Aluminum | ppm | 2 | 2 | 3 | --- |
| Chromium | ppm | <1 | 1 | 1 | --- |
| Molybdenum | ppm | <1 | <1 | <1 | --- |
| Nickel | ppm | 0 | 0 | 2 | --- |
| Titanium | ppm | 0 | 0 | 0 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 2 | 3 | 7 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 101 | 114 | 99 | --- |
| Magnesium | ppm | 5 | 6 | 1 | --- |
| Zinc | ppm | 2 | 15 | 21 | --- |
| Phosphorus | ppm | 230 | 210 | 146 | --- |
| Barium | ppm | <1 | 0 | 3 | --- |
| Boron | ppm | 86 | 79 | 49 | --- |

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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.

Depot: VOLVO1835
Unique No: 10842685
Signed: Don Baldrige
Report Date: 23 Jan 2024



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VOLVO GRAPHS

