



CONSTRUCTION EQUIPMENT

SW1023573 VOLVO L70H 624863 - TRANSMISSION



Sample No: VCP320318
Oil Type: VOLVO EXTRA AUTOMATIC FLUID
Job No: SW1023573



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP320318 | --- | --- | --- |
| Sample Date | 30 Aug 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 1274 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 28.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ■ 20 | --- | --- | --- |
| Sodium | ppm | ■ 6 | --- | --- | --- |
| Potassium | ppm | ■ 3 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ▲ 122 | --- | --- | --- |
| Copper | ppm | ■ 44 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 4 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 4 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 10 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 174 | --- | --- | --- |
| Magnesium | ppm | ■ 46 | --- | --- | --- |
| Zinc | ppm | ■ 86 | --- | --- | --- |
| Phosphorus | ppm | ■ 271 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 64 | --- | --- | --- |

Diagnosis

The fluid 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: 10655650
Signed: Sean Felton
Report Date: 20 Sep 2023



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GRAPHS

