



CONSTRUCTION EQUIPMENT

STELLA-JONES 8-404175 VOLVO L90H 625858 - FRONT AXLE



Sample No: VCP450377
Oil Type: TDH FLUID SAE 75W80
Job No: 8-404175



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP450377 | VCP332586 | --- | --- |
| Sample Date | 16 May 2024 | 17 Nov 2022 | --- | --- |
| Machine Hours | 8042 | 4342 | --- | --- |
| Oil Hours | 2000 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 42.6 | 40.3 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 11 | 11 | --- | --- |
| Sodium | ppm | 3 | 11 | --- | --- |
| Potassium | ppm | <1 | <1 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 59 | 116 | --- | --- |
| Copper | ppm | <1 | 2 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 2 | 2 | --- | --- |
| Chromium | ppm | <1 | 3 | --- | --- |
| Molybdenum | ppm | 0 | 5 | --- | --- |
| Nickel | ppm | <1 | <1 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 2 | --- | --- |
| Manganese | ppm | 1 | 8 | --- | --- |
| Vanadium | ppm | 0 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 3610 | 3472 | --- | --- |
| Magnesium | ppm | 17 | 18 | --- | --- |
| Zinc | ppm | 1390 | 1379 | --- | --- |
| Phosphorus | ppm | 1207 | 1294 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 103 | 98 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID 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: 5785586
Signed: Wes Davis
Report Date: 17 May 2024



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GRAPHS

