



CONSTRUCTION EQUIPMENT

CANNINGTON 8-396756 VOLVO A30G 742589 - DIESEL ENGINE



Sample No: VCP391798
Oil Type: DIESEL ENGINE OIL SAE 30
Job No: 8-396756



STRONGCO EQUIPMENT INC.
1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP391798 | --- | --- | --- |
| Sample Date | 04 Apr 2024 | --- | --- | --- |
| Machine Hours | 3202 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|----------------|-----|--------|-----|-----|-----|
| Visc @ 100°C | cSt | █ 11.9 | --- | --- | --- |
| Oxidation (PA) | % | █ 90 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|----------------|-----|-------|-----|-----|-----|
| Water | % | █ NEG | --- | --- | --- |
| Soot % | % | █ 0.3 | --- | --- | --- |
| Nitration (PA) | % | █ 90 | --- | --- | --- |
| Sulfation (PA) | % | █ 65 | --- | --- | --- |
| Glycol | % | █ NEG | --- | --- | --- |
| Fuel | % | █ 3.5 | --- | --- | --- |
| Silicon | ppm | █ 3 | --- | --- | --- |
| Sodium | ppm | █ 2 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 19 | --- | --- | --- |
| Copper | ppm | █ 5 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 38 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | █ 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ <1 | --- | --- | --- |
| Vanadium | ppm | █ 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 1744 | --- | --- | --- |
| Magnesium | ppm | █ 460 | --- | --- | --- |
| Zinc | ppm | █ 1111 | --- | --- | --- |
| Phosphorus | ppm | █ 906 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 32 | --- | --- | --- |

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: SHEMIS
Unique No: 5760982
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

