



CONSTRUCTION EQUIPMENT

SPM742835 WASTE MGMT CATERPILLAR 336 DKS10115 - RIGHT FINAL DRIVE



Sample No: VCP446138
Oil Type: TDTO FLUID SAE 50
Job No: SPM742835 WASTE MGMT



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5000 INDUSTRIAL HWY
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP446138 | --- | --- | --- |
| Sample Date | 08 Jul 2024 | --- | --- | --- |
| Machine Hours | 5206 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 91.1 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ■ 180 | --- | --- | --- |
| Sodium | ppm | ■ 2 | --- | --- | --- |
| Potassium | ppm | ■ 19 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ■ 307 | --- | --- | --- |
| Copper | ppm | ■ <1 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 39 | --- | --- | --- |
| Chromium | ppm | ■ 4 | --- | --- | --- |
| Molybdenum | ppm | ■ 3 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | ■ 3 | --- | --- | --- |
| Silver | ppm | ■ <1 | --- | --- | --- |
| Manganese | ppm | ■ 3 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 3096 | --- | --- | --- |
| Magnesium | ppm | ■ 51 | --- | --- | --- |
| Zinc | ppm | ■ 1274 | --- | --- | --- |
| Phosphorus | ppm | ■ 1161 | --- | --- | --- |
| Barium | ppm | ■ 4 | --- | --- | --- |
| Boron | ppm | ■ 8 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO8885
Unique No: 11129504
Signed: Don Baldrige
Report Date: 20 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

