



CONSTRUCTION EQUIPMENT

RS0036684 GROVE RT770 237556 - REAR AXLE



Sample No: VCP430902
Oil Type: COWIN 80W90
Job No: RS0036684



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP430902 | --- | --- | --- |
| Sample Date | 10 Jan 2024 | --- | --- | --- |
| Machine Hours | 211 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE

PENSACOLA, FL

US 32534

Contact: HUGH DOBBS

HDOBBS@COWIN.COM

T: (850)479-3004

F: (850)474-1602



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 124 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 8 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 14 | --- | --- | --- |
| Copper | ppm | █ 6 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 2 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 29 | --- | --- | --- |
| Magnesium | ppm | <1 | --- | --- | --- |
| Zinc | ppm | 80 | --- | --- | --- |
| Phosphorus | ppm | 1085 | --- | --- | --- |
| Barium | ppm | 3 | --- | --- | --- |
| Boron | ppm | 162 | --- | --- | --- |

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 condition of the oil is acceptable for the time in service.

Depot: VOLVO8247

Unique No: 10834537

Signed: Wes Davis

Report Date: 18 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

