



CONSTRUCTION EQUIPMENT

SWO-071557 EPIROC TMG2 ISEDO346 - REAR RIGHT FINAL DRIVE



Sample No: VCP453678
Oil Type: {unknown}
Job No: SWO-071557



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP453678 | VCP452410 | VCP446744 | VCP435522 |
| Sample Date | 30 Apr 2024 | 11 Mar 2024 | 05 Feb 2024 | 20 Dec 2023 |
| Machine Hours | 5492 | 5253 | 5020 | 4779 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 219 | 219 | 220 | 219 |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----------|-----|-----|-----|
| Silicon | ppm | 20 | 20 | 22 | 18 |
| Sodium | ppm | 0 | 0 | 0 | 0 |
| Potassium | ppm | 0 | 0 | <1 | 0 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|----|
| Iron | ppm | 136 | 128 | 125 | 92 |
| Copper | ppm | 8 | 8 | 8 | 3 |
| Lead | ppm | 13 | 10 | 10 | 3 |
| Tin | ppm | 0 | <1 | <1 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | 2 |
| Chromium | ppm | 1 | <1 | 2 | 1 |
| Molybdenum | ppm | 0 | 0 | <1 | 0 |
| Nickel | ppm | 0 | 0 | <1 | 0 |
| Titanium | ppm | 0 | 0 | <1 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 1 | 1 | 2 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 21 | 25 | 48 | 3 |
| Magnesium | ppm | 2 | 0 | 1 | 0 |
| Zinc | ppm | 18 | 0 | 2 | 0 |
| Phosphorus | ppm | 517 | 446 | 491 | 502 |
| Barium | ppm | <1 | 0 | 0 | 5 |
| Boron | ppm | 3 | 0 | 2 | 0 |

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: SAIBIR
Unique No: 11020293
Signed: Angela Borella
Report Date: 13 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

