



CONSTRUCTION EQUIPMENT

23530 VOLVO G930B 575082 - TRANSMISSION (MANUAL)



Sample No: VCP424784
Oil Type: NOT GIVEN
Job No: 23530



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP424784 | --- | --- | --- |
| Sample Date | 24 Jul 2023 | --- | --- | --- |
| Machine Hours | 6415 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

SCDOT 99-19-25
5225 E JIM BILTON BLVD
SAINT GEORGE, SC
US 29477
Contact: DAVID DOUTY
doutydl@scdot.org
T: (843)563-9873
F: (843)563-9873



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 43.0 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | █ 6 | --- | --- | --- |
| Sodium | ppm | █ 2 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |



WEAR METALS

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



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 1869 | --- | --- | --- |
| Magnesium | ppm | 8 | --- | --- | --- |
| Zinc | ppm | 701 | --- | --- | --- |
| Phosphorus | ppm | 616 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 83 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Moderate concentration of visible metal present. All component wear rates are normal. High metal levels may reflect the reported issue. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SCDOTSAI
Unique No: 10578279
Signed: Doug Bogart
Report Date: 01 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

