



# CONSTRUCTION EQUIPMENT

## X59282 TADANO GR800XL-4 RA1637 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP436979  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** X59282



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP436979   | --- | --- | --- |
| Sample Date   | 27 Feb 2024 | --- | --- | --- |
| Machine Hours | 1160        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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### OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 180 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 3  | --- | --- | --- |
| Sodium    | ppm | █ 5  | --- | --- | --- |
| Potassium | ppm | █ 11 | --- | --- | --- |



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 26 | --- | --- | --- |
| Copper     | ppm | █ 0  | --- | --- | --- |
| Lead       | ppm | █ 0  | --- | --- | --- |
| Tin        | ppm | █ 0  | --- | --- | --- |
| Aluminum   | ppm | █ <1 | --- | --- | --- |
| Chromium   | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel     | ppm | █ <1 | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | <1   | --- | --- | --- |
| Manganese  | ppm | █ 1  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 12   | --- | --- | --- |
| Magnesium  | ppm | █ 2    | --- | --- | --- |
| Zinc       | ppm | █ 2    | --- | --- | --- |
| Phosphorus | ppm | █ 1224 | --- | --- | --- |
| Barium     | ppm | █ 2    | --- | --- | --- |
| Boron      | ppm | 0      | --- | --- | --- |

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.  
 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:** SCOSAI  
**Unique No:** 10909955  
**Signed:** Wes Davis  
**Report Date:** 04 Mar 2024



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## GRAPHS

