



# CONSTRUCTION EQUIPMENT

## X58572 KOBELCO SK210LC 06375 - REAR LEFT FINAL DRIVE



**Sample No:** VCP413456  
**Oil Type:** NOT GIVEN  
**Job No:** X58572



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP413456   | --- | --- | --- |
| Sample Date   | 12 Sep 2023 | --- | --- | --- |
| Machine Hours | 486         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
 PO BOX 997  
 SAINT ROSE, LA  
 US 70087  
 Contact: DENISE CORVERS  
 dcorvers@scottcompanies.com  
 T: (504)461-0961  
 F: (504)461-0970



### OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 185 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 10 | --- | --- | --- |
| Sodium    | ppm | █ 3  | --- | --- | --- |
| Potassium | ppm | █ 7  | --- | --- | --- |

### 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.



### WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 112 | --- | --- | --- |
| Copper     | ppm | █ <1  | --- | --- | --- |
| Lead       | ppm | █ 0   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 1   | --- | --- | --- |
| Chromium   | ppm | █ 2   | --- | --- | --- |
| Molybdenum | ppm | 0     | --- | --- | --- |
| Nickel     | ppm | █ <1  | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | 1     | --- | --- | --- |
| Manganese  | ppm | 2     | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



### ADDITIVES

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Calcium    | ppm | 9   | --- | --- | --- |
| Magnesium  | ppm | 3   | --- | --- | --- |
| Zinc       | ppm | 47  | --- | --- | --- |
| Phosphorus | ppm | 555 | --- | --- | --- |
| Barium     | ppm | 24  | --- | --- | --- |
| Boron      | ppm | 49  | --- | --- | --- |

**Depot:** SCOSAI  
**Unique No:** 10647718  
**Signed:** Don Baldrige  
**Report Date:** 19 Sep 2023



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## GRAPHS

