



# CONSTRUCTION EQUIPMENT

## X58457 KOBELCO CD1600-GII 5104252 - REAR WINCH



**Sample No:** VCP405806  
**Oil Type:** NOT GIVEN  
**Job No:** X58457



### SAMPLE INFORMATION

|               |                    |             |     |     |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | <b>VCP405806</b>   | VCP361314   | --- | --- |
| Sample Date   | <b>25 Aug 2023</b> | 28 Mar 2022 | --- | --- |
| Machine Hours | <b>3995</b>        | 2156        | --- | --- |
| Oil Hours     | <b>0</b>           | 0           | --- | --- |
| Oil Changed   | <b>N/A</b>         | N/A         | --- | --- |
| Sample Status | <b>NORMAL</b>      | NORMAL      | --- | --- |

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### OIL CONDITION

|             |     |            |      |     |     |
|-------------|-----|------------|------|-----|-----|
| Visc @ 40°C | cSt | <b>166</b> | 97.7 | --- | --- |
|-------------|-----|------------|------|-----|-----|



### CONTAMINATION

|           |     |              |    |     |     |
|-----------|-----|--------------|----|-----|-----|
| Silicon   | ppm | <b>3</b>     | 27 | --- | --- |
| Sodium    | ppm | <b>&lt;1</b> | 2  | --- | --- |
| Potassium | ppm | <b>&lt;1</b> | 2  | --- | --- |

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 | <b>6</b>     | 136 | --- | --- |
| Copper     | ppm | <b>&lt;1</b> | 3   | --- | --- |
| Lead       | ppm | <b>&lt;1</b> | <1  | --- | --- |
| Tin        | ppm | <b>&lt;1</b> | 0   | --- | --- |
| Aluminum   | ppm | <b>&lt;1</b> | 3   | --- | --- |
| Chromium   | ppm | <b>&lt;1</b> | 4   | --- | --- |
| Molybdenum | ppm | <b>1</b>     | 10  | --- | --- |
| Nickel     | ppm | <b>0</b>     | 0   | --- | --- |
| Titanium   | ppm | <b>&lt;1</b> | <1  | --- | --- |
| Silver     | ppm | <b>0</b>     | <1  | --- | --- |
| Manganese  | ppm | <b>&lt;1</b> | 4   | --- | --- |
| Vanadium   | ppm | <b>&lt;1</b> | <1  | --- | --- |



### ADDITIVES

|            |     |            |      |     |     |
|------------|-----|------------|------|-----|-----|
| Calcium    | ppm | <b>3</b>   | 42   | --- | --- |
| Magnesium  | ppm | <b>82</b>  | 3485 | --- | --- |
| Zinc       | ppm | <b>52</b>  | 814  | --- | --- |
| Phosphorus | ppm | <b>213</b> | 1053 | --- | --- |
| Barium     | ppm | <b>0</b>   | 0    | --- | --- |
| Boron      | ppm | <b>0</b>   | 3    | --- | --- |

**Depot:** SCOSAI  
**Unique No:** 10631608  
**Signed:** Wes Davis  
**Report Date:** 05 Sep 2023



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## VOLVO GRAPHS

