



CONSTRUCTION EQUIPMENT

X57615 KOBELCO CK1 100 GH05-04032 - 1 DRUM GEARBOX



Sample No: VCP413053
Oil Type: NOT GIVEN
Job No: X57615



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP413053 | --- | --- | --- |
| Sample Date | 09 Aug 2023 | --- | --- | --- |
| Machine Hours | 61537 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 101 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | 40 | --- | --- | --- |
| Sodium | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ 1 | --- | --- | --- |

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 | █ 84 | --- | --- | --- |
| Copper | ppm | 6 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 2 | --- | --- | --- |
| Chromium | ppm | █ 3 | --- | --- | --- |
| Molybdenum | ppm | 7 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 3 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 41 | --- | --- | --- |
| Magnesium | ppm | 3915 | --- | --- | --- |
| Zinc | ppm | 786 | --- | --- | --- |
| Phosphorus | ppm | 989 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 10 | --- | --- | --- |

Depot: SCOSAI
Unique No: 10605080
Signed: Wes Davis
Report Date: 16 Aug 2023

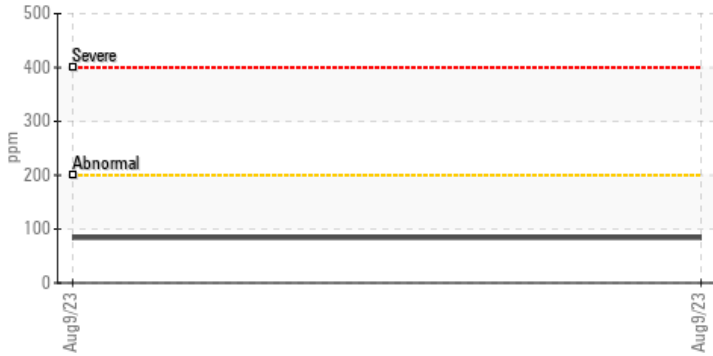


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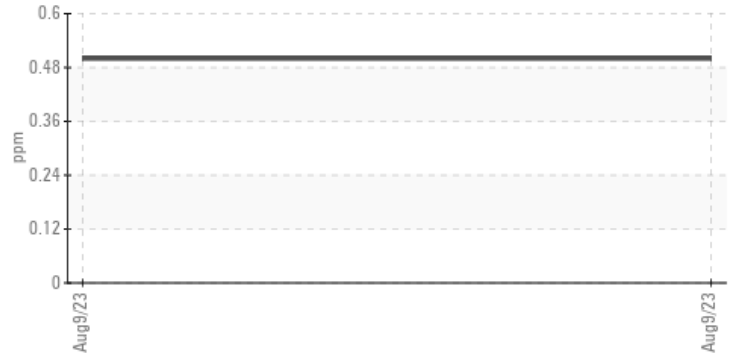


GRAPHS

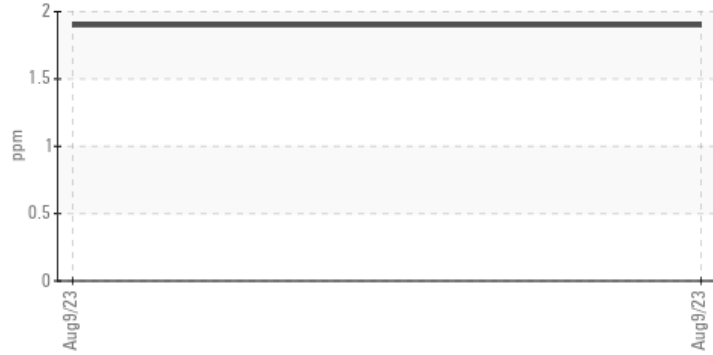
Iron (ppm)



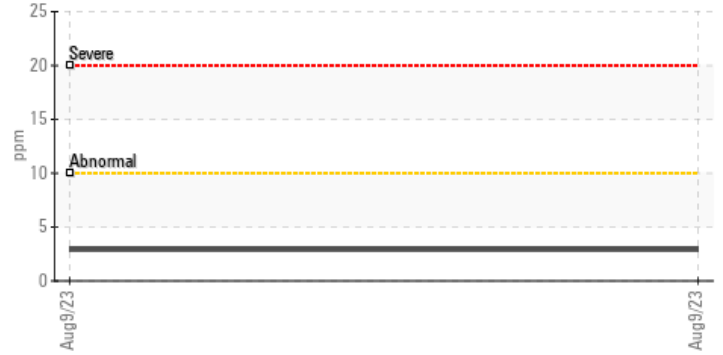
Lead (ppm)



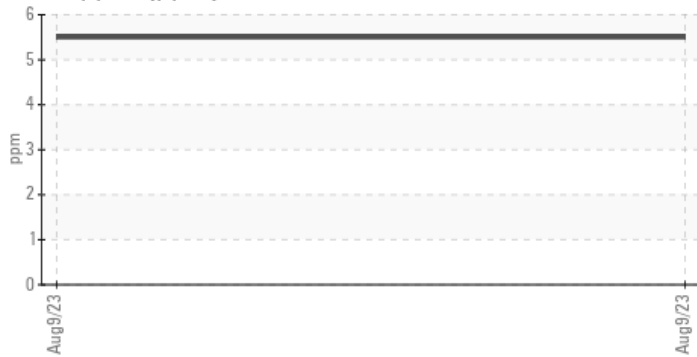
Aluminum (ppm)



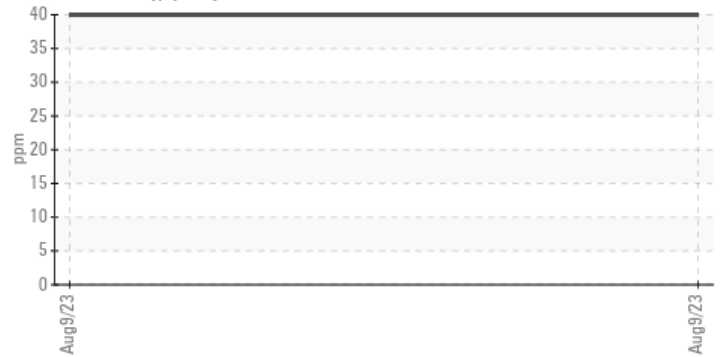
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

