



CONSTRUCTION EQUIPMENT

X57615 KOBELCO CK1 100 GH05-04032 - 3 DRUM GEARBOX



Sample No: VCP413052
Oil Type: NOT GIVEN
Job No: X57615



SAMPLE INFORMATION

Sample Number	VCP413052	---	---	---
Sample Date	09 Aug 2023	---	---	---
Machine Hours	61537	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
PO BOX 997
SAINT ROSE, LA
US 70087
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OIL CONDITION

Visc @ 40°C	cSt	█ 164	---	---	---
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CONTAMINATION

Water	%	◆ 2.25	---	---	---
Silicon	ppm	■ 20	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	█ 60	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 41	---	---	---
Magnesium	ppm	■ 2690	---	---	---
Zinc	ppm	■ 713	---	---	---
Phosphorus	ppm	■ 930	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

Depot: SCOSAI
Unique No: 10605053
Signed: Don Baldrige
Report Date: 16 Aug 2023

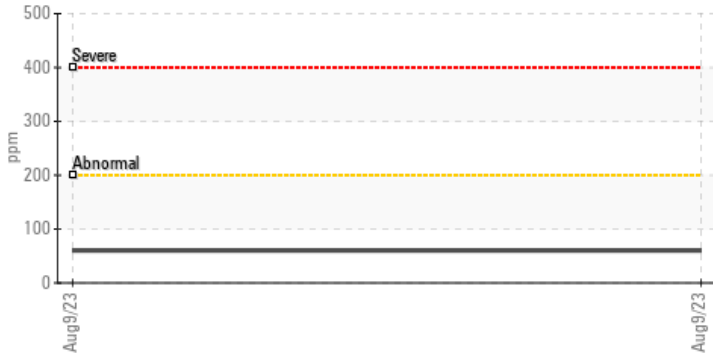


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GRAPHS

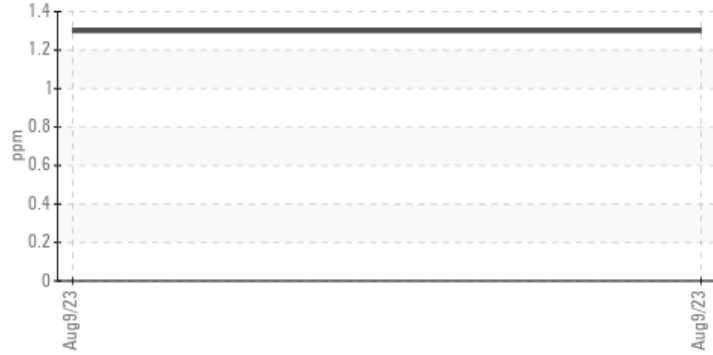
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



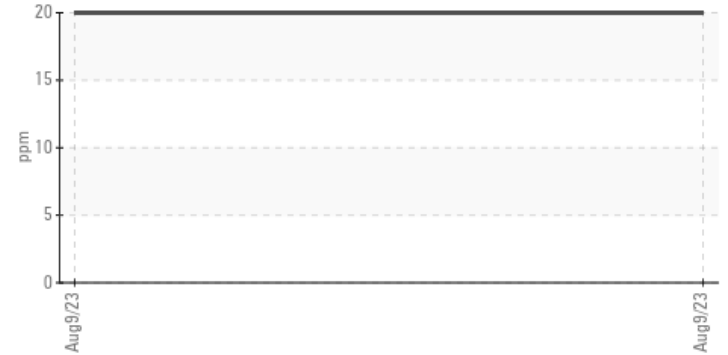
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Water

