



CONSTRUCTION EQUIPMENT

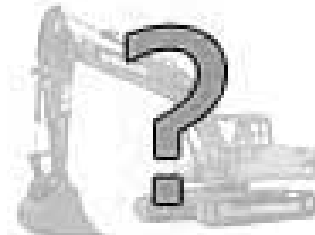
X58457 KOBELCO CD1600-GII 5104252 - HYDRAULIC SYSTEM



Sample No: VCP405797

Oil Type: NOT GIVEN

Job No: X58457



SAMPLE INFORMATION

Sample Number	VCP405797	VCP360063	---	---
Sample Date	25 Aug 2023	28 Mar 2022	---	---
Machine Hours	3995	2156	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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	45.5	45.7	---	---
Acid Number (AN)	mg KOH/g	0.41	0.44	---	---



CONTAMINATION

Particles >4µm		▲ 9024	▲ 11338	---	---
Particles >6µm		▲ 2809	▲ 1378	---	---
Particles >14µm		▲ 301	■ 112	---	---
ISO 4406:1999 (c)		20/19/15	21/18/14	---	---
Silicon	ppm	■ <1	■ <1	---	---
Sodium	ppm	■ 0	■ <1	---	---
Potassium	ppm	■ <1	■ 0	---	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	■ 2	■ 1	---	---
Copper	ppm	■ 9	■ 6	---	---
Lead	ppm	■ <1	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 0	■ 0	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	■ 0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	30	27	---	---
Magnesium	ppm	7	7	---	---
Zinc	ppm	317	298	---	---
Phosphorus	ppm	244	263	---	---
Barium	ppm	2	0	---	---
Boron	ppm	0	0	---	---

Depot: SCOSAI
Unique No: 10631303
Signed: Wes Davis
Report Date: 05 Sep 2023

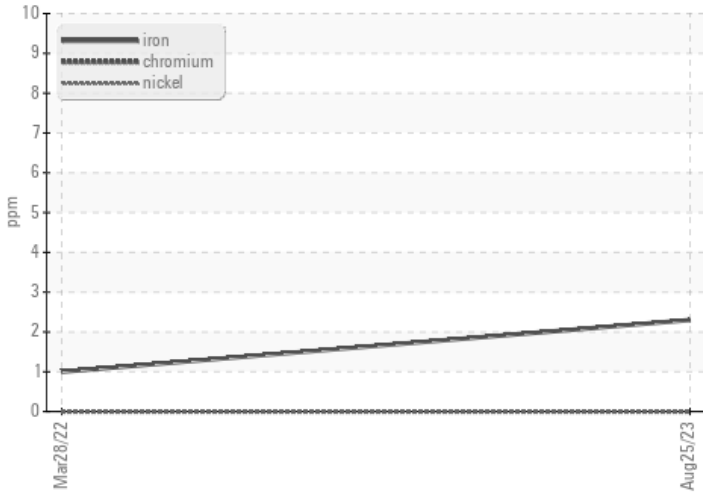


CONSTRUCTION EQUIPMENT

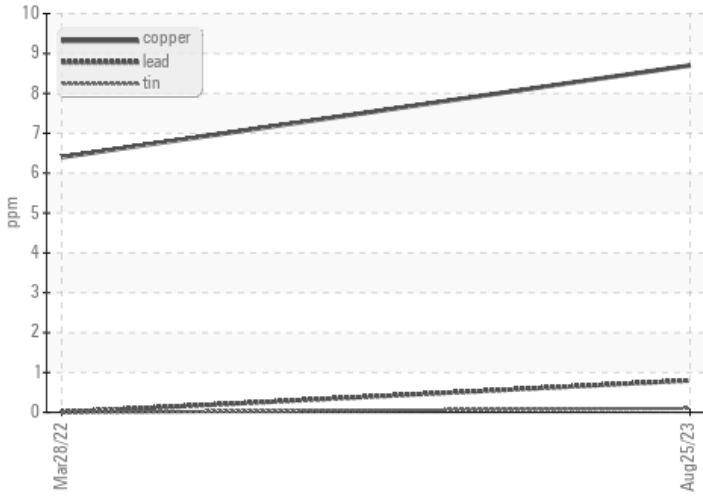


GRAPHS

Ferrous Alloys



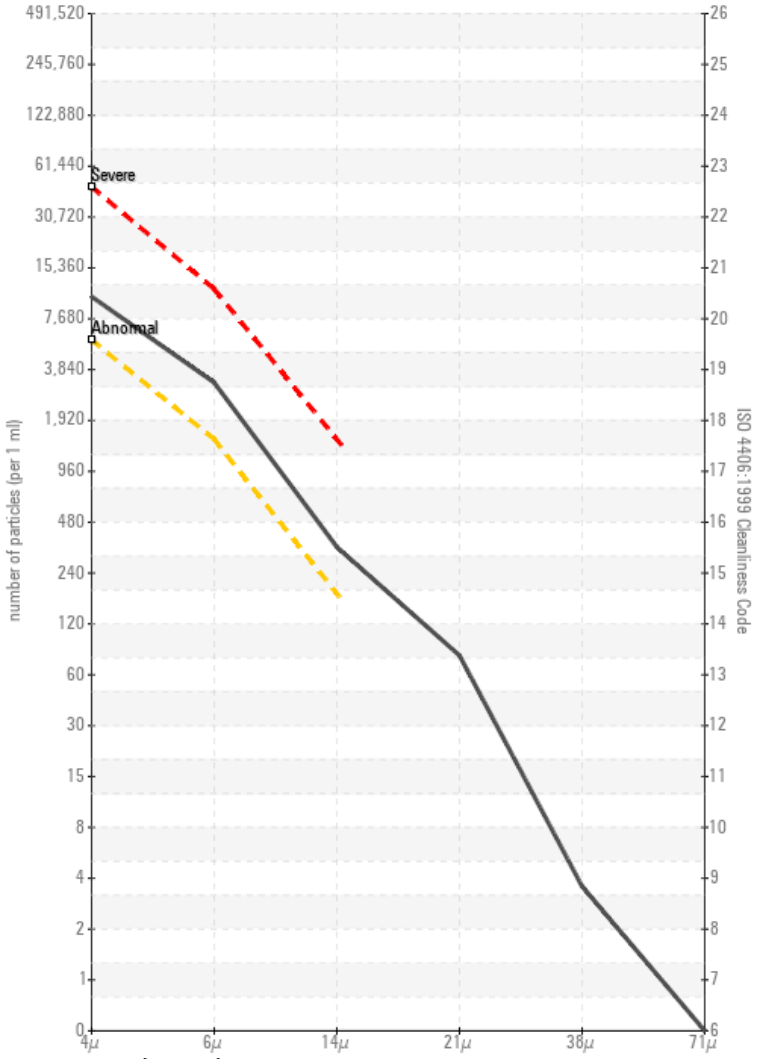
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

