



CONSTRUCTION EQUIPMENT

F03243 JB LANAGAN BF VOLVO EC380D 2 10273 - HYDRAULIC SYSTEM



Sample No: VCP441228
Oil Type: {unknown}
Job No: F03243 JB LANAGAN BF



SAMPLE INFORMATION

Sample Number	VCP441228	---	---	---
Sample Date	25 Apr 2024	---	---	---
Machine Hours	9747	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

CHADWICK-BAROSS INC
 31 JAMES P. MURPHY INDUSTRIAL HWY
 WEST WARWICK, RI
 US 02893
 Contact: NORMAN VINCENT
 norman.vincent@chadwick-baross.com
 T: (401)328-6967
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 45.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.37	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 15122	---	---	---
Particles >6µm		█ 2772	---	---	---
Particles >14µm		█ 278	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	█ 0	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. (before).All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	426	---	---	---
Phosphorus	ppm	335	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: CHAWESRI
Unique No: 11004991
Signed: Don Baldrige
Report Date: 02 May 2024

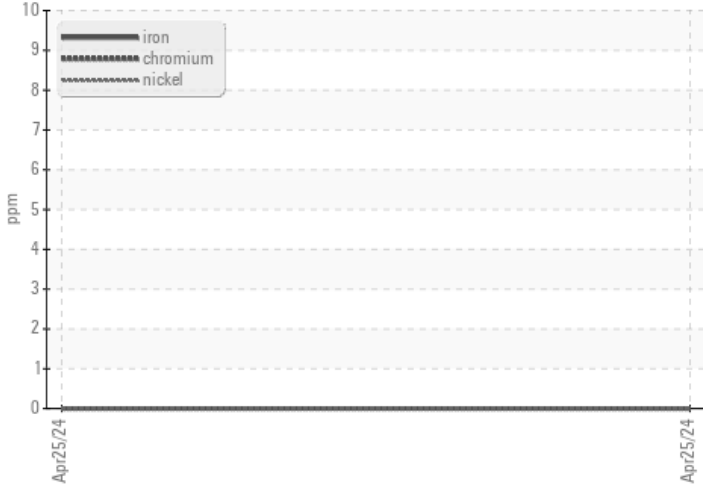


CONSTRUCTION EQUIPMENT

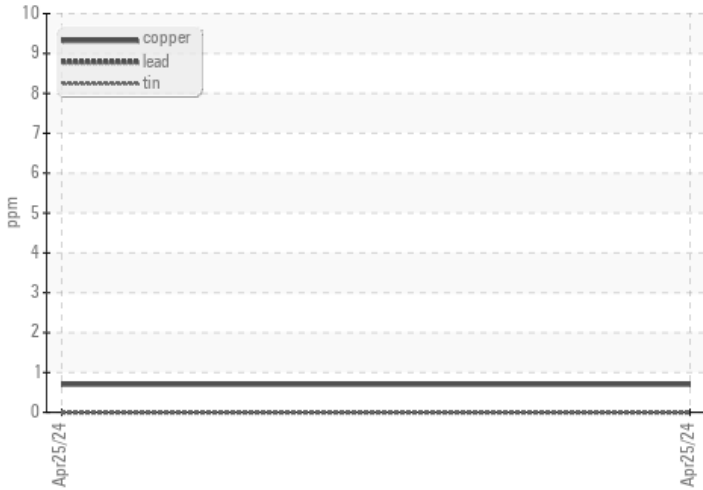


GRAPHS

Ferrous Alloys



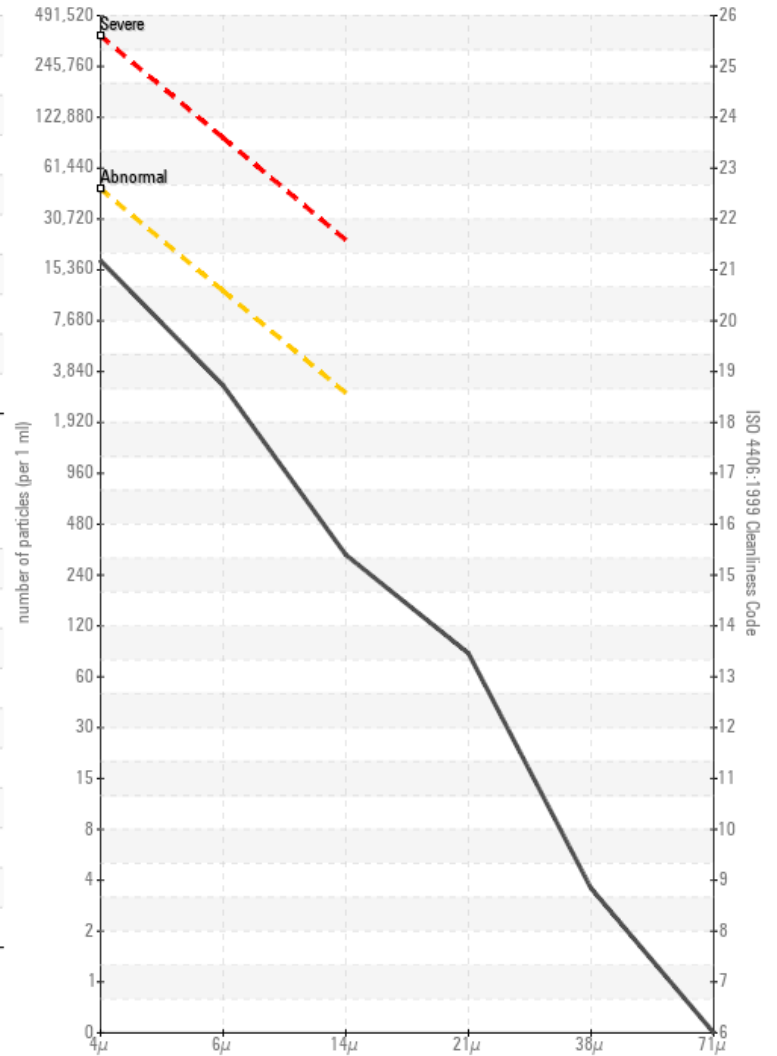
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

