



CONSTRUCTION EQUIPMENT

F03243 JB LANAGAN AF VOLVO EC380D 210273 - HYDRAULIC SYSTEM



Sample No: VCP440525
Oil Type: {unknown}
Job No: F03243 JB LANAGAN AF



SAMPLE INFORMATION

Sample Number	VCP440525	VCP441228	---	---
Sample Date	26 Apr 2024	25 Apr 2024	---	---
Machine Hours	9747	9747	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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 F:



OIL CONDITION

Visc @ 40°C	cSt	44.9	45.0	---	---
Acid Number (AN)	mg KOH/g	0.32	0.37	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		22802	15122	---	---
Particles >6µm		6235	2772	---	---
Particles >14µm		336	278	---	---
ISO 4406:1999 (c)		22/20/16	21/19/15	---	---
Silicon	ppm	0	0	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	0	0	---	---

Diagnosis

Resample at the next service interval to monitor. (after).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	0	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	54	58	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	426	426	---	---
Phosphorus	ppm	336	335	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: CHAWESRI
Unique No: 11004992
Signed: Don Baldrige
Report Date: 02 May 2024

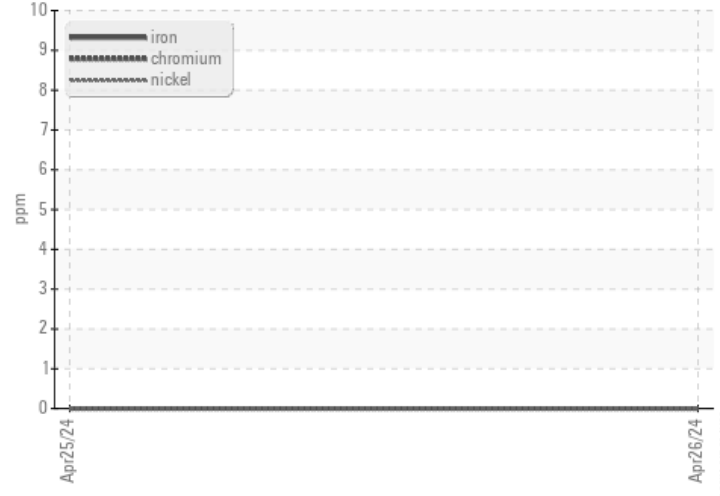


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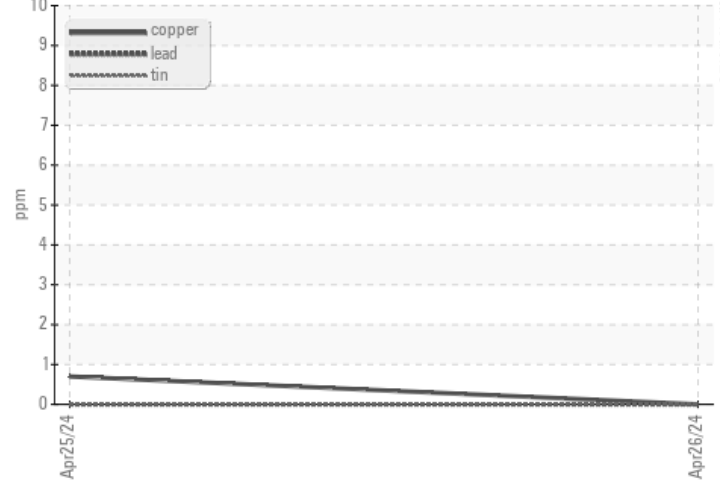


GRAPHS

Ferrous Alloys



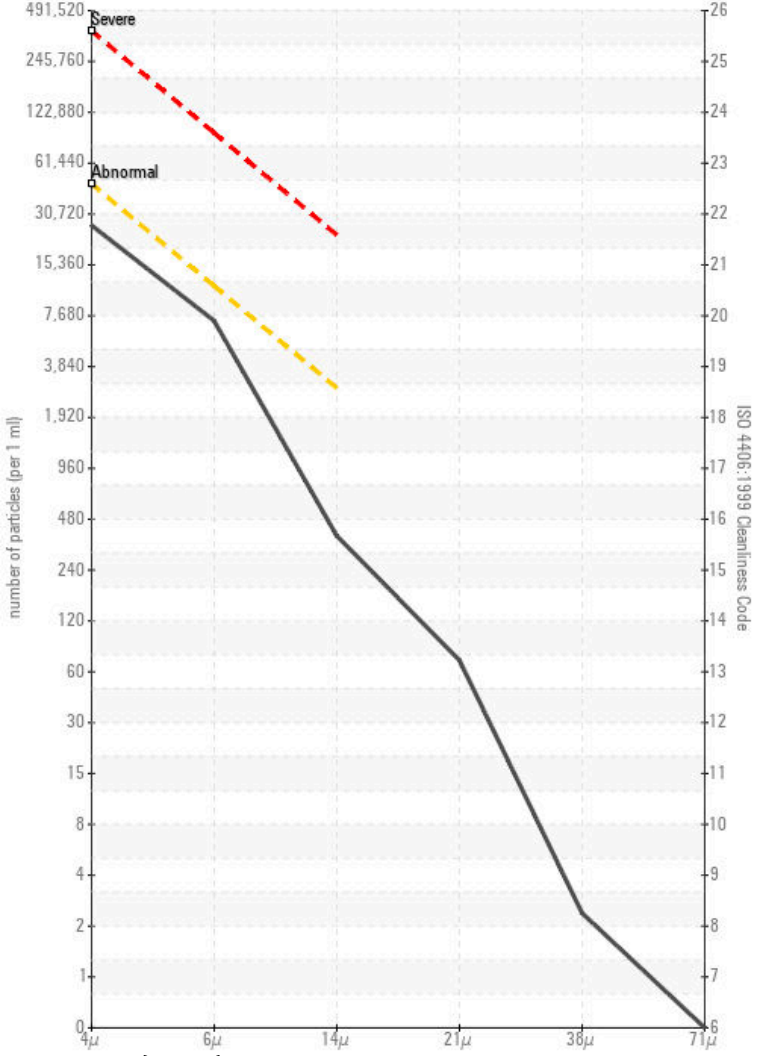
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

