



CONSTRUCTION EQUIPMENT

JMX 8-399841 VOLVO EC480E 314570 - HYDRAULIC SYSTEM



Sample No: VCP393863

Oil Type: {unknown}

Job No: 8-399841



SAMPLE INFORMATION

Sample Number	VCP393863	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	4040	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Janice Cripps
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T: (905)565-3876
F: (905)670-2338



OIL CONDITION

Visc @ 40°C	cSt	█ 41.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 2576	---	---	---
Particles >6µm		█ 335	---	---	---
Particles >14µm		█ 31	---	---	---
ISO 4406:1999 (c)		19/16/12	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 31	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	▲ 17	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	446	---	---	---
Magnesium	ppm	26	---	---	---
Zinc	ppm	543	---	---	---
Phosphorus	ppm	451	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	6	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Chromium ppm levels are abnormal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: SHEMIS
Unique No: 5761043
Signed: Kevin Marson
Report Date: 11 Apr 2024

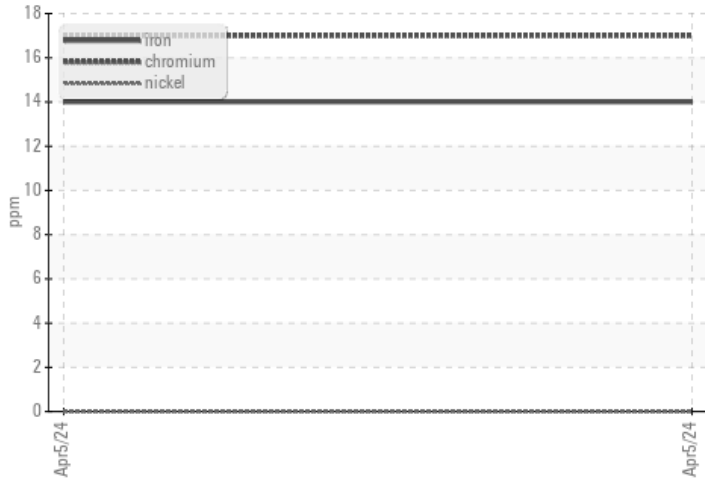


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GRAPHS

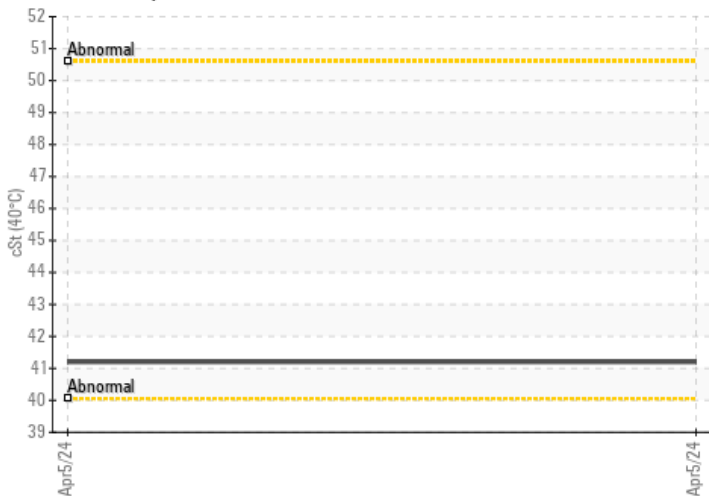
▲ Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

