



CONSTRUCTION EQUIPMENT

ECOLAND 280206 VOLVO EC480EL 314488 - HYDRAULIC SYSTEM



Sample No: VCP379967
Oil Type: NOT GIVEN
Job No: 280206

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Jason Roth
JRoth2@strongco.com
T: (905)670-5100
F: (905)670-2338

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



SAMPLE INFORMATION

Sample Number		VCP379967	---	---	---
Sample Date		13 Oct 2023	---	---	---
Machine Hours		2166	---	---	---
Oil Hours		0	---	---	---
Oil Changed		N/A	---	---	---
Sample Status		NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 44.9	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Particles >4µm		■ 11536	---	---	---
Particles >6µm		■ 2175	---	---	---
Particles >14µm		■ 99	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 25	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	102	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	656	---	---	---
Phosphorus	ppm	520	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: SHEMIS
Unique No: 5658723
Signed: Kevin Marson
Report Date: 19 Oct 2023

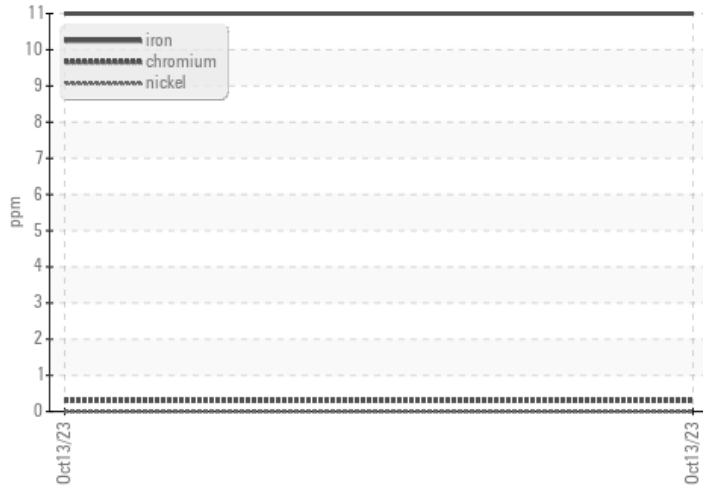


CONSTRUCTION EQUIPMENT

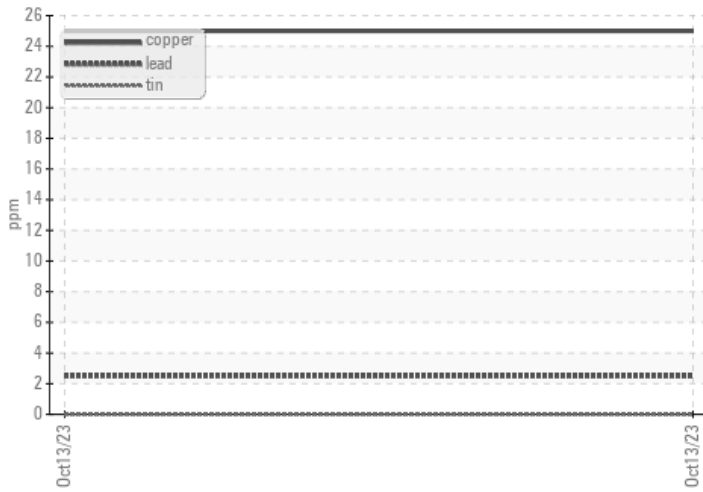


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Filter (Magn: 100 x)

