



CONSTRUCTION EQUIPMENT

266550 VOLVO EC160CL 120917 - HYDRAULIC SYSTEM



Sample No: VCP273124

Oil Type: NOT GIVEN

Job No: 266550



SAMPLE INFORMATION

Sample Number	VCP273124	---	---	---
Sample Date	01 Dec 2020	---	---	---
Machine Hours	11440	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	39.3	---	---	---
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CONTAMINATION

Particles >4µm		27513	---	---	---
Particles >6µm		1478	---	---	---
Particles >14µm		45	---	---	---
ISO 4406:1999 (c)		22/18/13	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

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.

WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	62	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	839	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	647	---	---	---
Phosphorus	ppm	557	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	5	---	---	---

Depot: VOLVO3908

Unique No: 5146445

Signed: Kevin Marson

Report Date: 04 Dec 2020

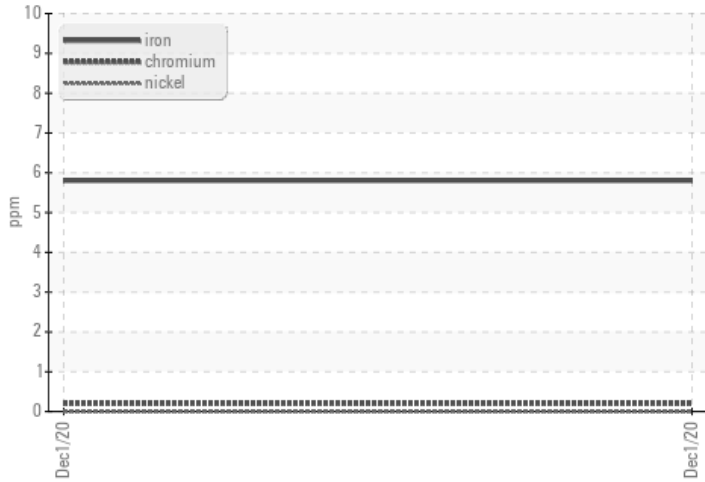


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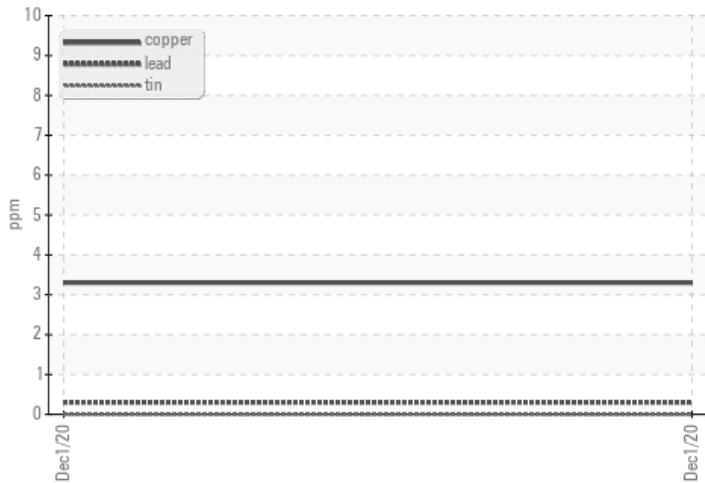


GRAPHS

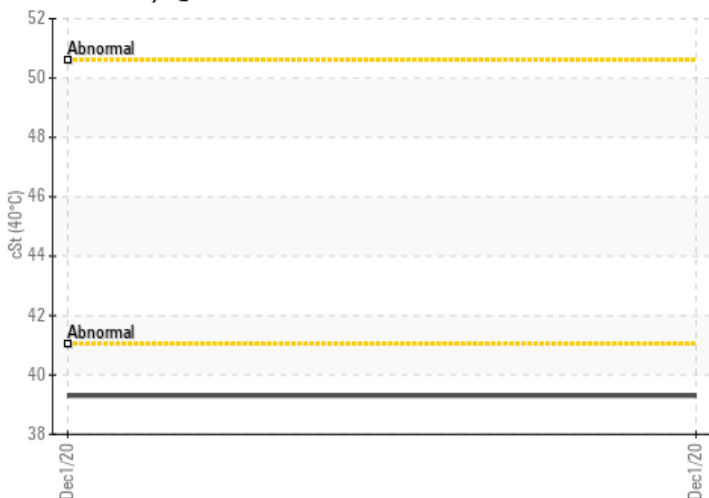
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

