



# CONSTRUCTION EQUIPMENT

## G07521 VOLVO A30G 740081 - HYDRAULIC SYSTEM



**Sample No:** VCP435221

**Oil Type:** NOT GIVEN

**Job No:** G07521



### SAMPLE INFORMATION

Sample Number	<b>VCP435221</b>	VCP190032	---	---
Sample Date	<b>02 Aug 2023</b>	23 Jun 2017	---	---
Machine Hours	<b>10546</b>	2048	---	---
Oil Hours	<b>0</b>	2048	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---



### OCEAN COUNTY LANDFILL

PO BOX 207  
BELLFORD, NJ  
US 07718  
Contact: SERVICE MANAGER



### OIL CONDITION

Visc @ 40°C	cSt	<b>40.0</b>	45.52	---	---
Acid Number (AN)	mg KOH/g	<b>0.62</b>	0.533	---	---

T: (732)787-0226  
F: (732)495-6225



### CONTAMINATION

Particles 5-15µm	count	---	67795	---	---
Particles 15-25µm	count	---	5072	---	---
Particles 25-50µm	count	---	1957	---	---
Particles 50-100µm	count	---	138	---	---
Particles >100µm	count	---	175	---	---
NAS Code		---	10	---	---
Particles >4µm		<b>16293</b>	4371	---	---
Particles >6µm		<b>5040</b>	787	---	---
Particles >14µm		<b>478</b>	80	---	---
ISO 4406:1999 (c)		<b>21/20/16</b>	19/17/13	---	---
Silicon	ppm	<b>7</b>	6	---	---
Sodium	ppm	<b>2</b>	1	---	---
Potassium	ppm	<b>&lt;1</b>	2	---	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present 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	<b>18</b>	6	---	---
Copper	ppm	<b>9</b>	5	---	---
Lead	ppm	<b>3</b>	1	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>4</b>	<1	---	---
Chromium	ppm	<b>1</b>	<1	---	---
Molybdenum	ppm	<b>3</b>	<1	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>0</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>685</b>	73	---	---
Magnesium	ppm	<b>237</b>	69	---	---
Zinc	ppm	<b>901</b>	547	---	---
Phosphorus	ppm	<b>707</b>	439	---	---
Barium	ppm	<b>0</b>	1	---	---
Boron	ppm	<b>20</b>	2	---	---

**Depot:** OCEBED  
**Unique No:** 10588633  
**Signed:** Doug Bogart  
**Report Date:** 07 Aug 2023

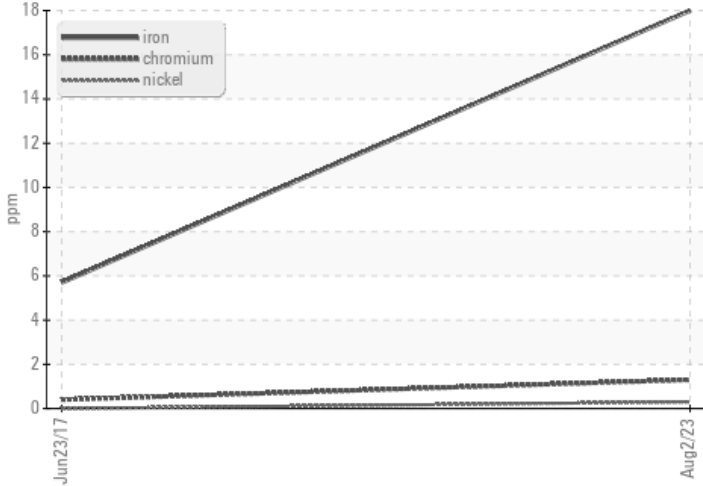


# CONSTRUCTION EQUIPMENT

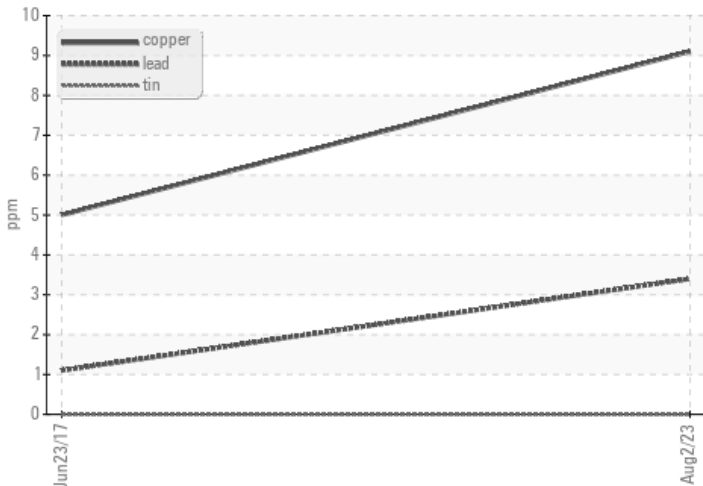


## GRAPHS

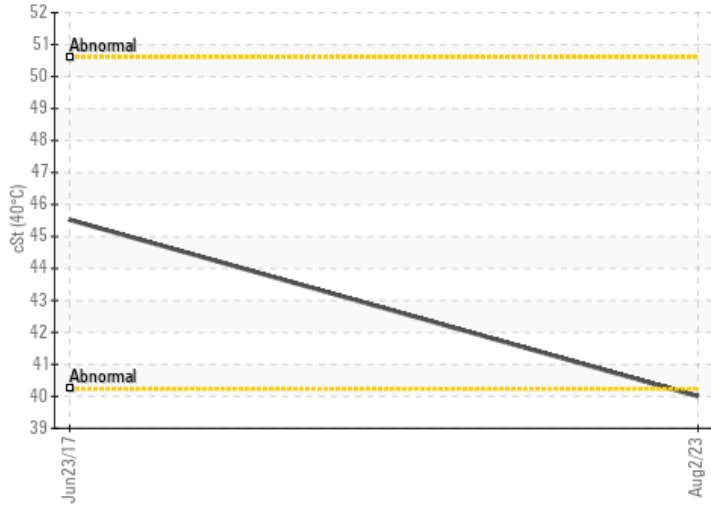
Ferrous Alloys



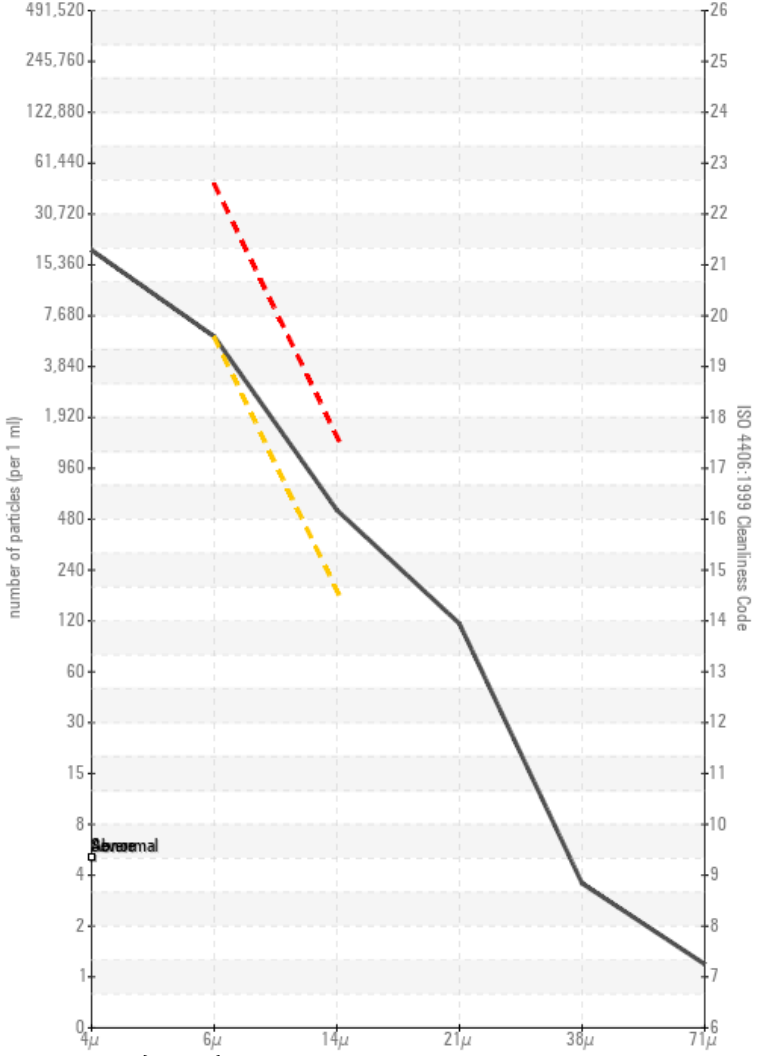
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

