



CONSTRUCTION EQUIPMENT

VOLVO 740081 - HYDRAULIC SYSTEM



Sample No: VCP190032

Oil Type: VOLVO UTF

Job No:



SAMPLE INFORMATION

Sample Number	VCP190032	---	---	---
Sample Date	23 Jun 2017	---	---	---
Machine Hours	2048	---	---	---
Oil Hours	2048	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

OCEAN COUNTY LANDFILL

PO BOX 207

BELLFORD, NJ

US 07718

Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 45.52	---	---	---
Acid Number (AN)	mg KOH/g	█ 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		4371	---	---	---
Particles >6µm		█ 787	---	---	---
Particles >14µm		█ 80	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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 component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	73	---	---	---
Magnesium	ppm	69	---	---	---
Zinc	ppm	547	---	---	---
Phosphorus	ppm	439	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	2	---	---	---

Depot: OCEBED

Unique No: 7848310

Signed: Don Baldrige

Report Date: 06 Jul 2017

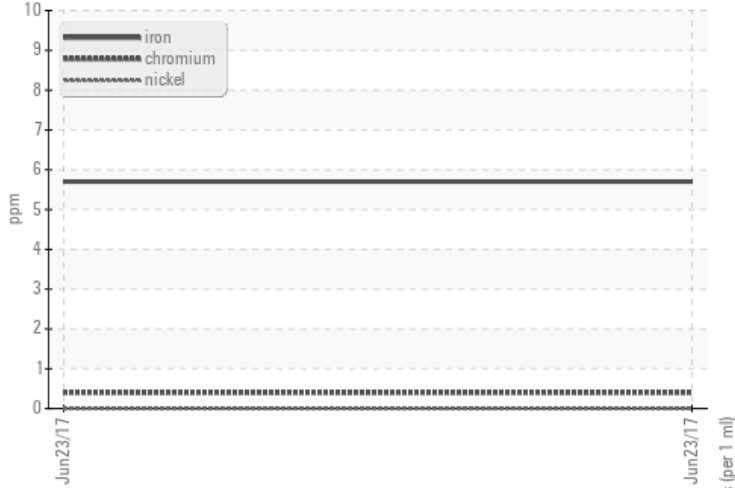


CONSTRUCTION EQUIPMENT

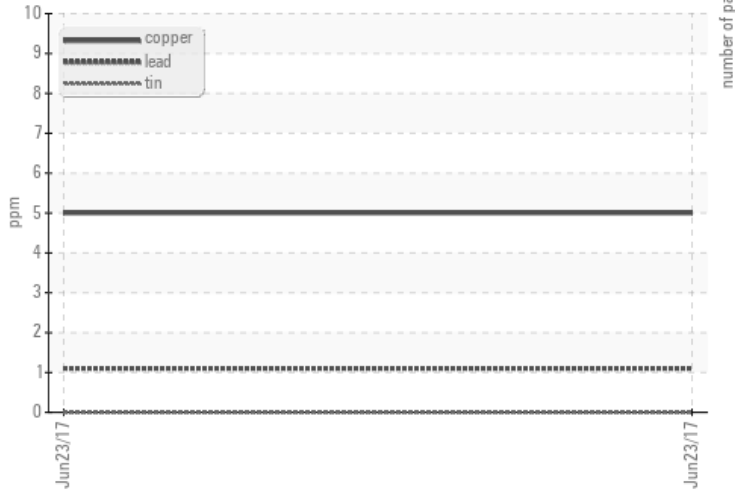


GRAPHS

Ferrous Alloys



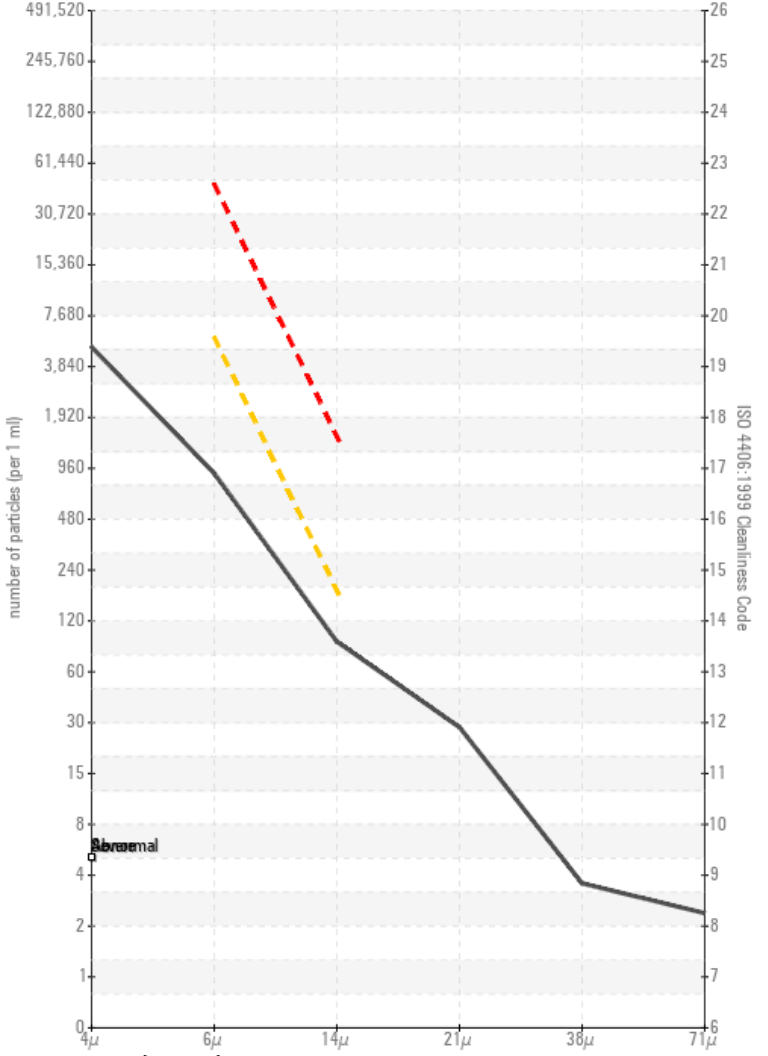
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

