



CONSTRUCTION EQUIPMENT

113896 VOLVO L90E 67754 - HYDRAULIC SYSTEM



Sample No: VCP204068
Oil Type: VOLVO SUPER HYD OIL
Job No: 113896



SAMPLE INFORMATION

Sample Number	VCP204068	---	---	---
Sample Date	05 Jul 2017	---	---	---
Machine Hours	7920	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)346-3473
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	■ 39.2	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Particles >4µm		■ 19205	---	---	---
Particles >6µm		■ 1902	---	---	---
Particles >14µm		▲ 111	---	---	---
ISO 4406:1999 (c)		■ 21/18/14	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 10	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 132	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 424	---	---	---
Phosphorus	ppm	■ 341	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	■ 2	---	---	---

Depot: VOLVO9652
Unique No: 4535292
Signed: Wes Davis
Report Date: 10 Jul 2017

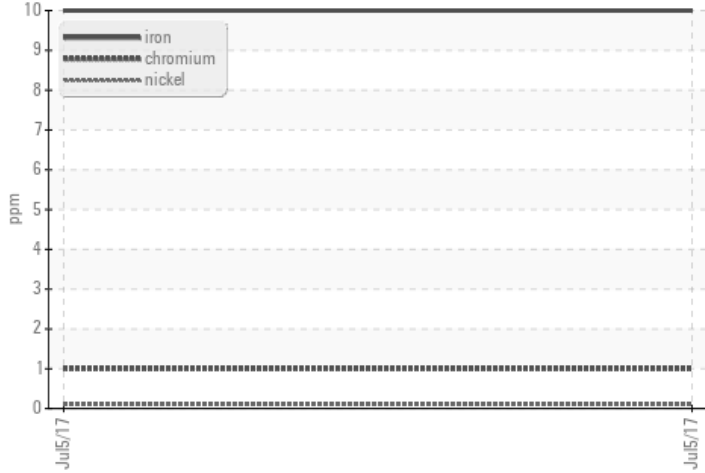


CONSTRUCTION EQUIPMENT

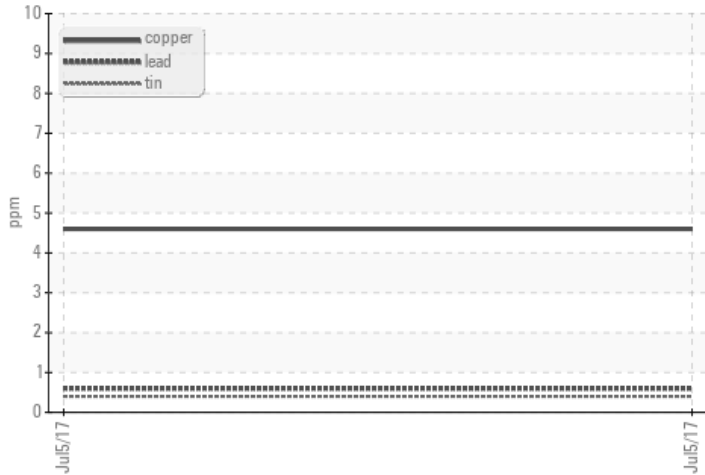


GRAPHS

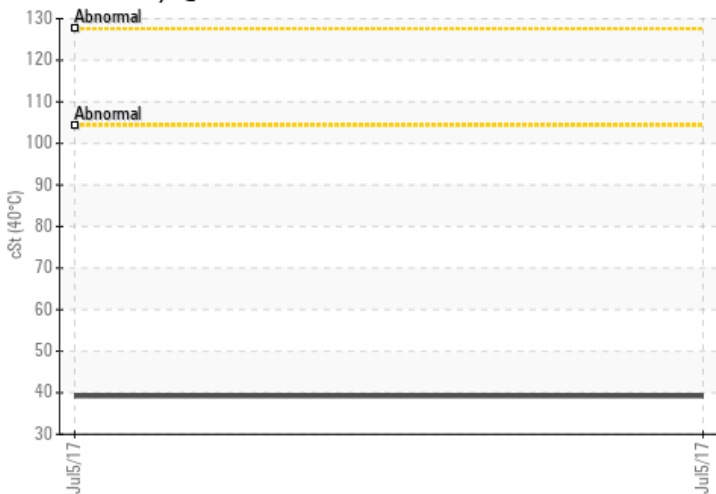
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

