



CONSTRUCTION EQUIPMENT

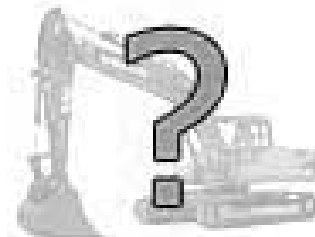
521239-01 VOLVO L150 61705 - HYDRAULIC SYSTEM



Sample No: VCP093026

Oil Type: {unknown}

Job No: 521239-01



SAMPLE INFORMATION

Sample Number	VCP093026	---	---	---
Sample Date	05 May 2010	---	---	---
Machine Hours	58114	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO INC

1575 RUE BERSIMIS
CHICOUTIMI, QC
CA G7K 1G9

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OIL CONDITION

Visc @ 40°C	cSt	87.6	---	---	---
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CONTAMINATION

Particles >4µm		46875	---	---	---
Particles >6µm		▲ 23281	---	---	---
Particles >14µm		■ 84	---	---	---
ISO 4406:1999 (c)		23/22/14	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate 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	■ 16	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	181	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2975	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1352	---	---	---
Phosphorus	ppm	1213	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	124	---	---	---

Depot: VOLVO0230
Unique No: 3119315
Signed: Kevin Marson
Report Date: 31 May 2010

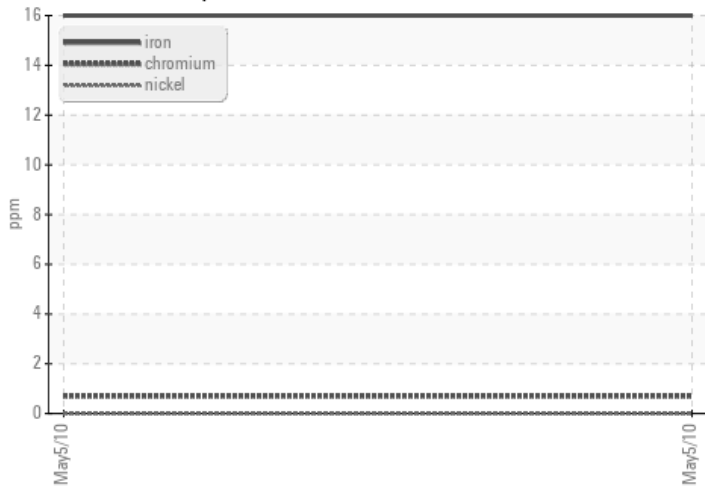


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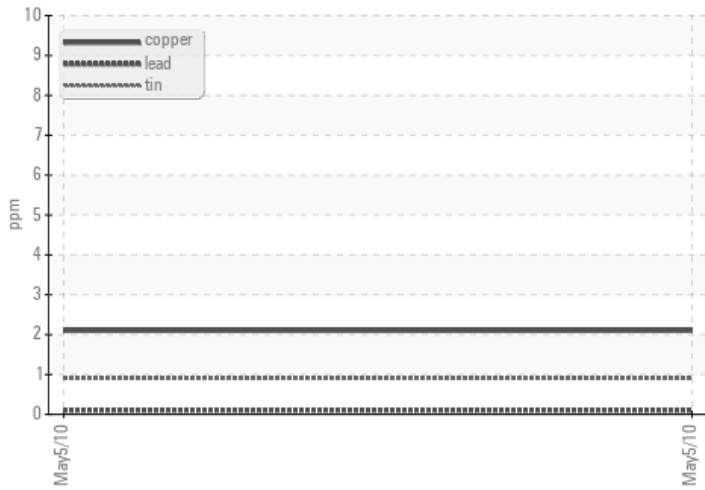


GRAPHS

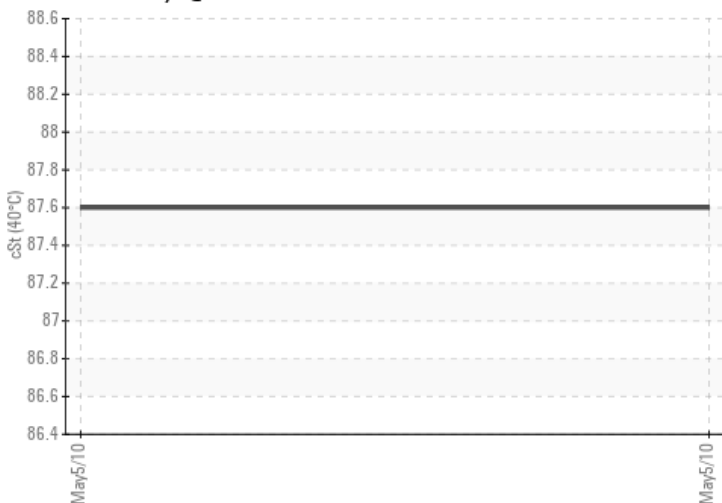
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count

