



CONSTRUCTION EQUIPMENT

VOLVO A30D 14069 - HYDRAULIC SYSTEM



Sample No: VCP222909

Oil Type: HVI 22

Job No:



SAMPLE INFORMATION

Sample Number	VCP222909	---	---	---
Sample Date	26 Jun 2019	---	---	---
Machine Hours	29105	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW

Acheson, AB

CA T7X 6C2

Contact: Jason Sweet

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T: Phone

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OIL CONDITION

Visc @ 40°C	cSt	38.2	---	---	---
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CONTAMINATION

Particles >4µm		25464	---	---	---
Particles >6µm		335	---	---	---
Particles >14µm		10	---	---	---
ISO 4406:1999 (c)		22/16/10	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was specified as HVI 22, however, a fluid match indicates that this fluid is SAE 70W80 Tractor TDH Fluid. Please confirm the oil type and grade 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. Viscosity of sample indicates oil is within SAE 70W80 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
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	2114	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	925	---	---	---
Phosphorus	ppm	831	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO3908

Unique No: 4889765

Signed: Bill Quesnel

Report Date: 28 Jun 2019

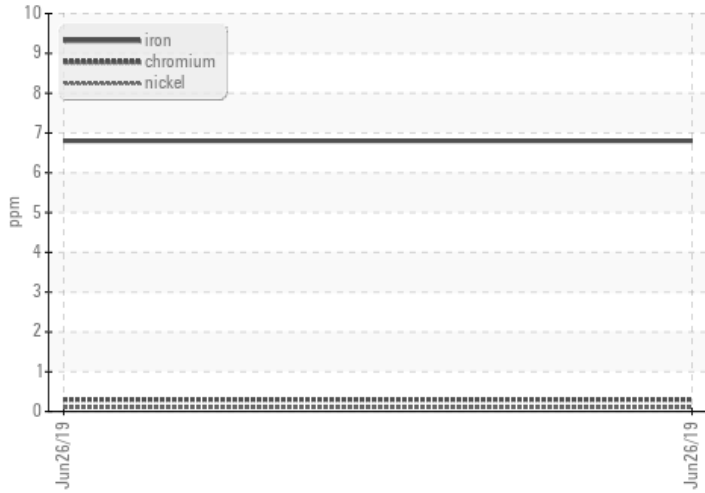


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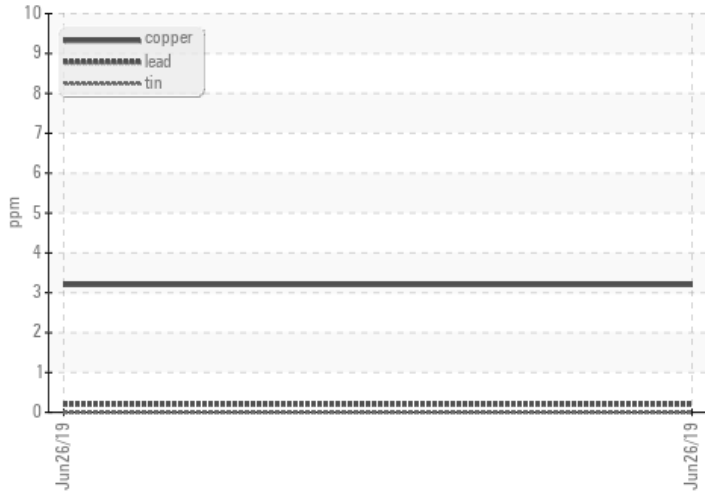


GRAPHS

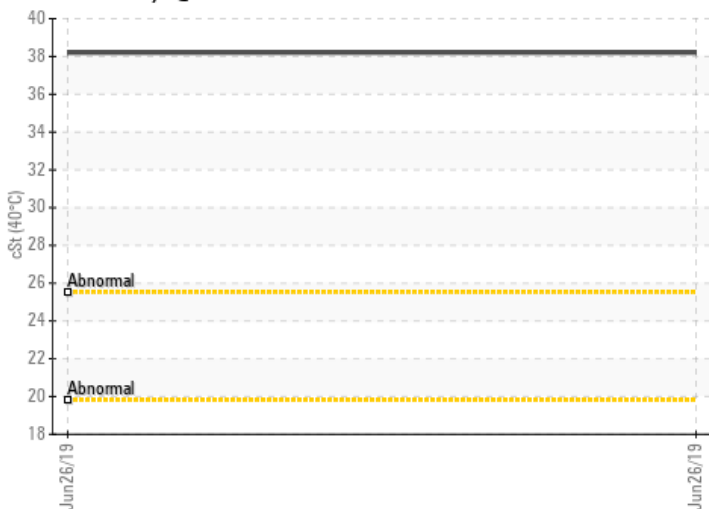
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

