



CONSTRUCTION EQUIPMENT

VOLVO L90H 626399 - HYDRAULIC SYSTEM



Sample No: VCP349569
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP349569	---	---	---
Sample Date	14 Oct 2022	---	---	---
Machine Hours	423	---	---	---
Oil Hours	423	---	---	---
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
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 T: (403)346-3473
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OIL CONDITION

Visc @ 40°C	cSt	█ 43.8	---	---	---
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CONTAMINATION

Particles >4µm		█ 4519	---	---	---
Particles >6µm		▲ 1449	---	---	---
Particles >14µm		█ 127	---	---	---
ISO 4406:1999 (c)		19/18/14	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

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 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	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 108	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 449	---	---	---
Phosphorus	ppm	█ 378	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 1	---	---	---

Depot: VOLVO9652
Unique No: 5474641
Signed: Kevin Marson
Report Date: 21 Oct 2022

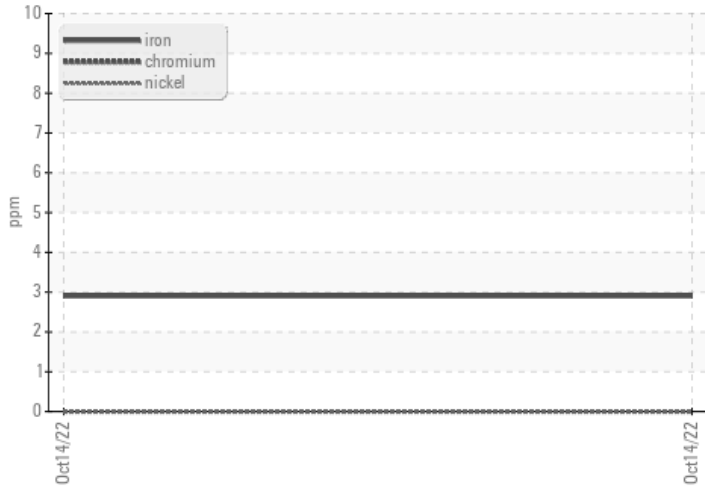


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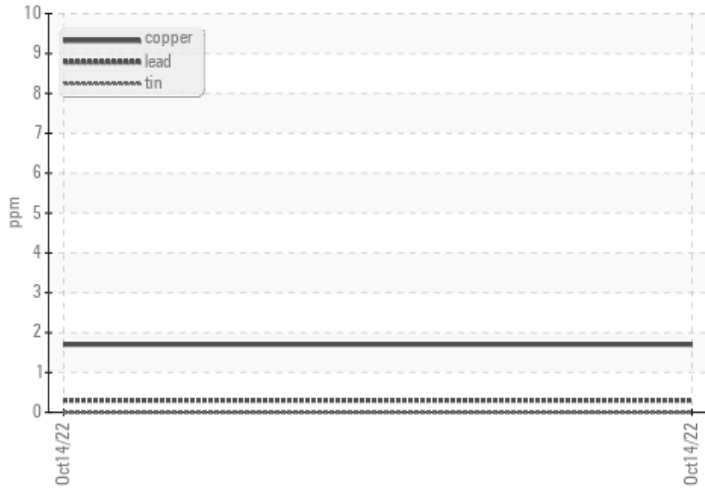


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

