



CONSTRUCTION EQUIPMENT

SPM593014 VOLVO L120H 633335 - HYDRAULIC SYSTEM



Sample No: VCP420188
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM593014



SAMPLE INFORMATION

Sample Number	VCP420188	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	613	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

OZINGA BROS INC
 19001 OLD LAGRANDE RD
 MOKENA, IL
 US 60448
 Contact: ED JONGSMA



OIL CONDITION

Visc @ 40°C	cSt	█ 43.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.34	---	---	---

T: (708)326-4200
 F:



CONTAMINATION

Particles >4µm		▲ 21213	---	---	---
Particles >6µm		▲ 5752	---	---	---
Particles >14µm		▲ 396	---	---	---
ISO 4406:1999 (c)		22/20/16	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
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 AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
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	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 62	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 434	---	---	---
Phosphorus	ppm	█ 348	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: OZIMOKVC
Unique No: 10602080
Signed: Wes Davis
Report Date: 14 Aug 2023

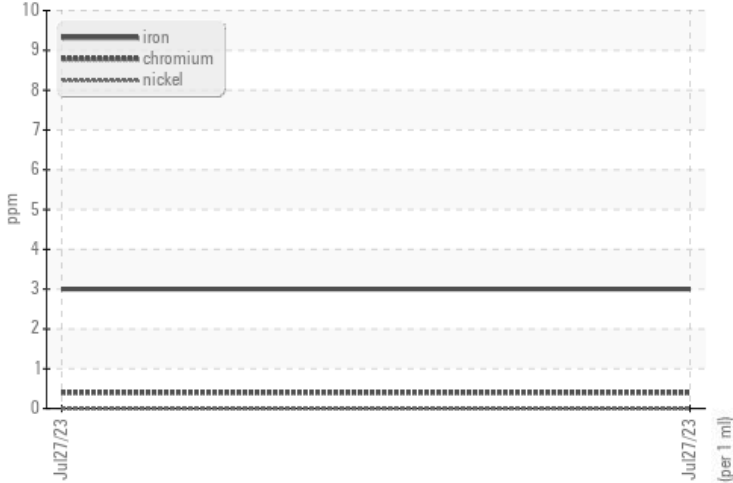


CONSTRUCTION EQUIPMENT

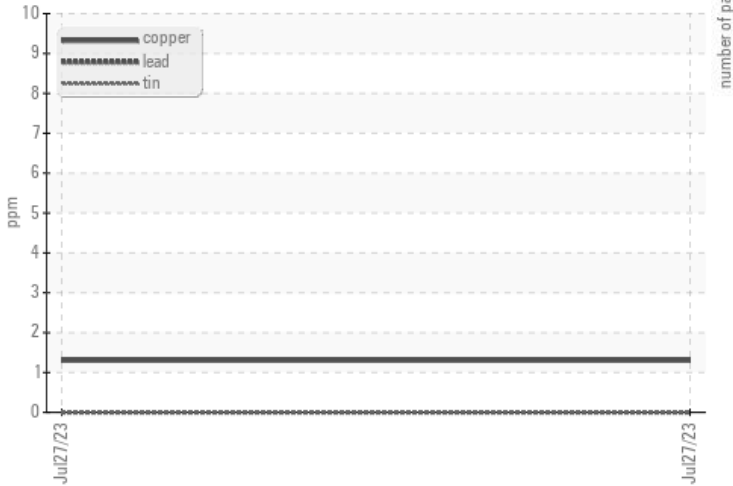


VOLVO GRAPHS

Ferrous Alloys



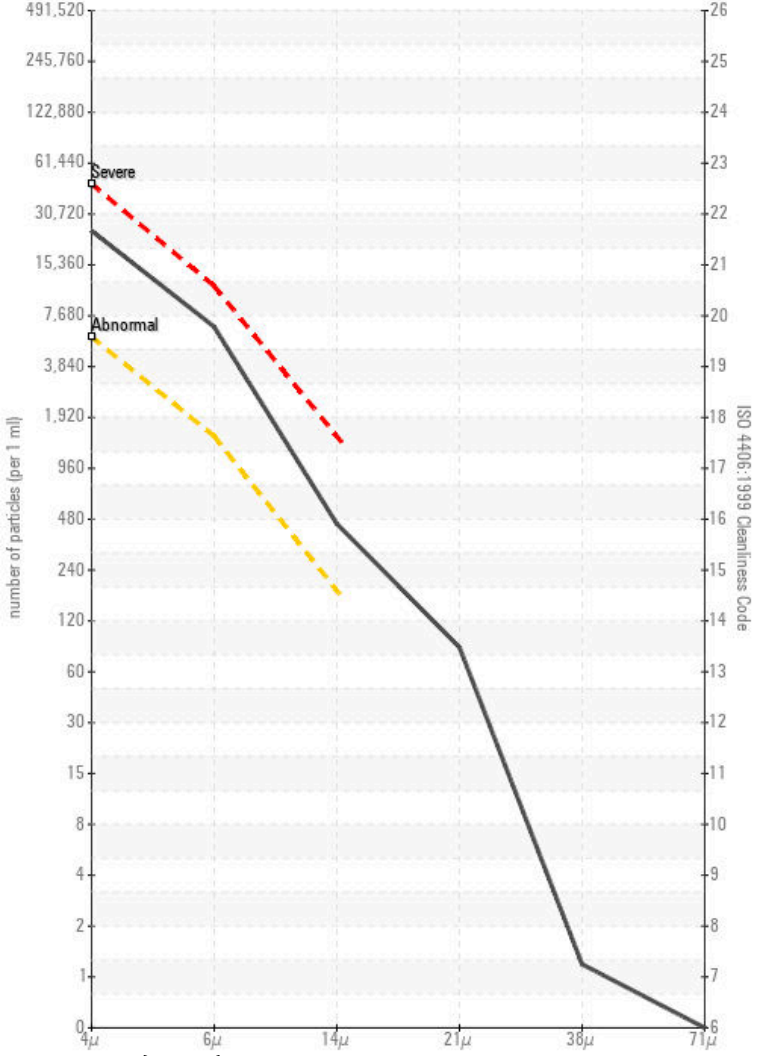
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

