



CONSTRUCTION EQUIPMENT

9225 STANLEY VOLVO A35G 342021 - HYDRAULIC SYSTEM



Sample No: VCP338710
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 9225 STANLEY



SAMPLE INFORMATION

Sample Number	VCP338710	---	---	---
Sample Date	16 Dec 2021	---	---	---
Machine Hours	5136	---	---	---
Oil Hours	5136	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
KRATLIFFE@MCCLUNG-LOGAN.COM
T:
F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	█ 42.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.398	---	---	---



CONTAMINATION

Particles >4µm		█ 973	---	---	---
Particles >6µm		█ 217	---	---	---
Particles >14µm		█ 17	---	---	---
ISO 4406:1999 (c)		17/15/11	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 286	---	---	---
Magnesium	ppm	█ 42	---	---	---
Zinc	ppm	█ 539	---	---	---
Phosphorus	ppm	█ 423	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 9	---	---	---

Depot: VOLVO8882
Unique No: 9785388
Signed: Don Baldrige
Report Date: 21 Dec 2021

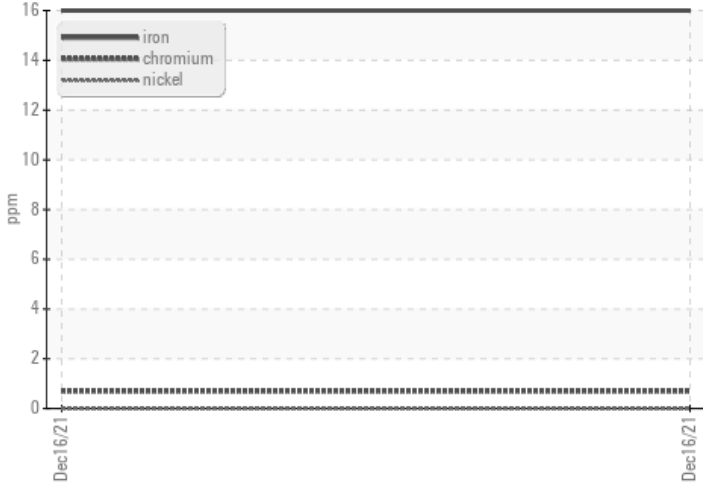


CONSTRUCTION EQUIPMENT

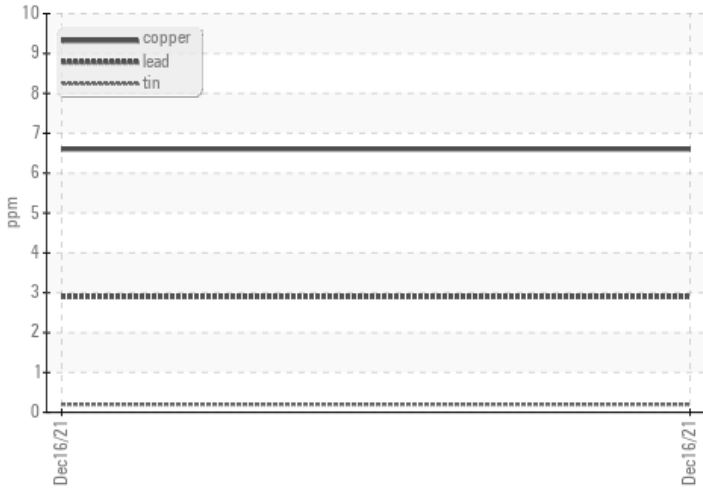


VOLVO GRAPHS

Ferrous Alloys



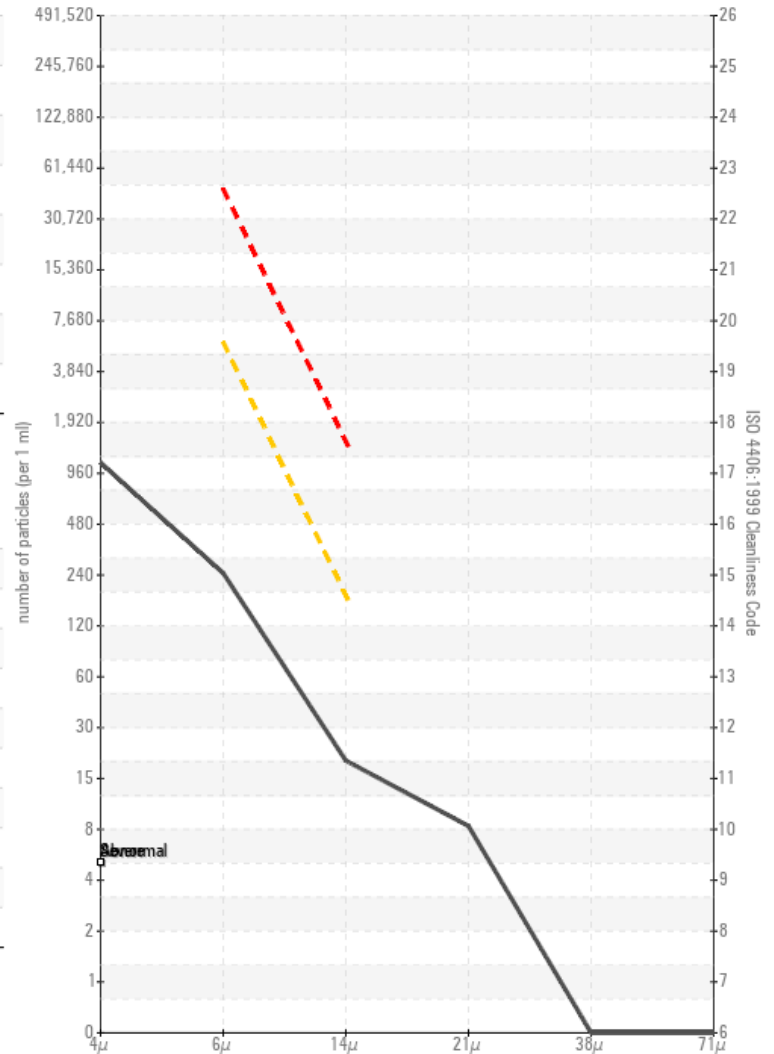
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

