CONSTRUCTION EQUIPMENT
VOLVO EC220EL 315670 - HYDRAULIC SYSTEM

Sample No: VCP433589
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:

ALTA EQUIPMENT COMPANY
5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
Contact: TODD LARK
tlark@altaequipfl.com
T:
F: (239)481-3302

SAMPLE INFORMATION

Sample Number		**VCP433589**	---	---	---
Sample Date		**03 Nov 2023**	---	---	---
Machine Hours		**582**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Not Changd**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**43.3**	---	---	---
Acid Number (AN)	mg KOH/g	**0.83**	---	---	---

CONTAMINATION

Particles >4µm		**48370**	---	---	---
Particles >6µm		**11795**	---	---	---
Particles >14µm		**521**	---	---	---
ISO 4406:1999 (c)		**23/21/16**	---	---	---
Silicon	ppm	**6**	---	---	---
Sodium	ppm	**2**	---	---	---
Potassium	ppm	**<1**	---	---	---

WEAR METALS

Iron	ppm	**<1**	---	---	---
Copper	ppm	**13**	---	---	---
Lead	ppm	**1**	---	---	---
Tin	ppm	**0**	---	---	---
Aluminum	ppm	**0**	---	---	---
Chromium	ppm	**0**	---	---	---
Molybdenum	ppm	**0**	---	---	---
Nickel	ppm	**<1**	---	---	---
Titanium	ppm	**0**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**<1**	---	---	---
Vanadium	ppm	**0**	---	---	---

ADDITIVES

Calcium	ppm	**128**	---	---	---
Magnesium	ppm	**<1**	---	---	---
Zinc	ppm	**741**	---	---	---
Phosphorus	ppm	**564**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

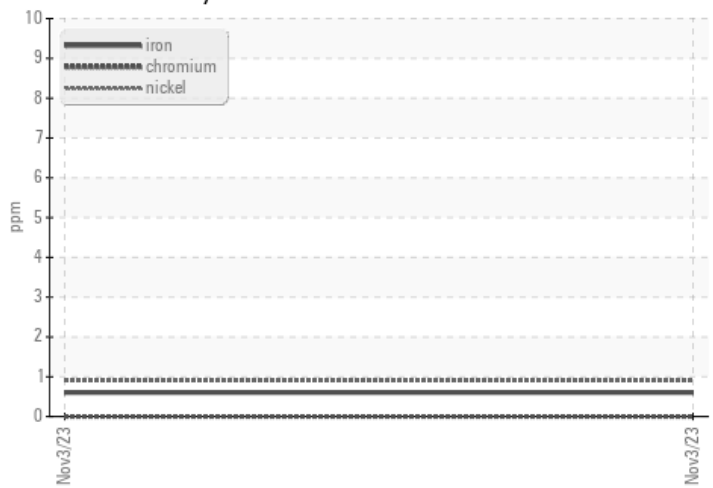
Diagnosis

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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

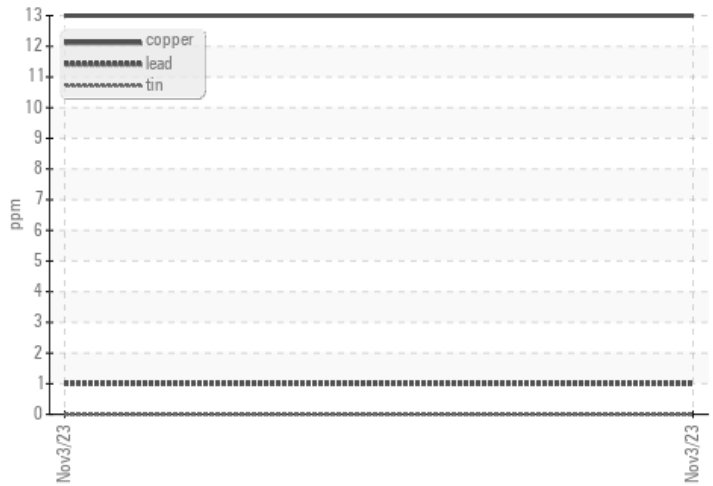
Depot: VOLVO0090
Unique No: 10728811
Signed: Wes Davis
Report Date: 08 Nov 2023

GRAPHS

Ferrous Alloys

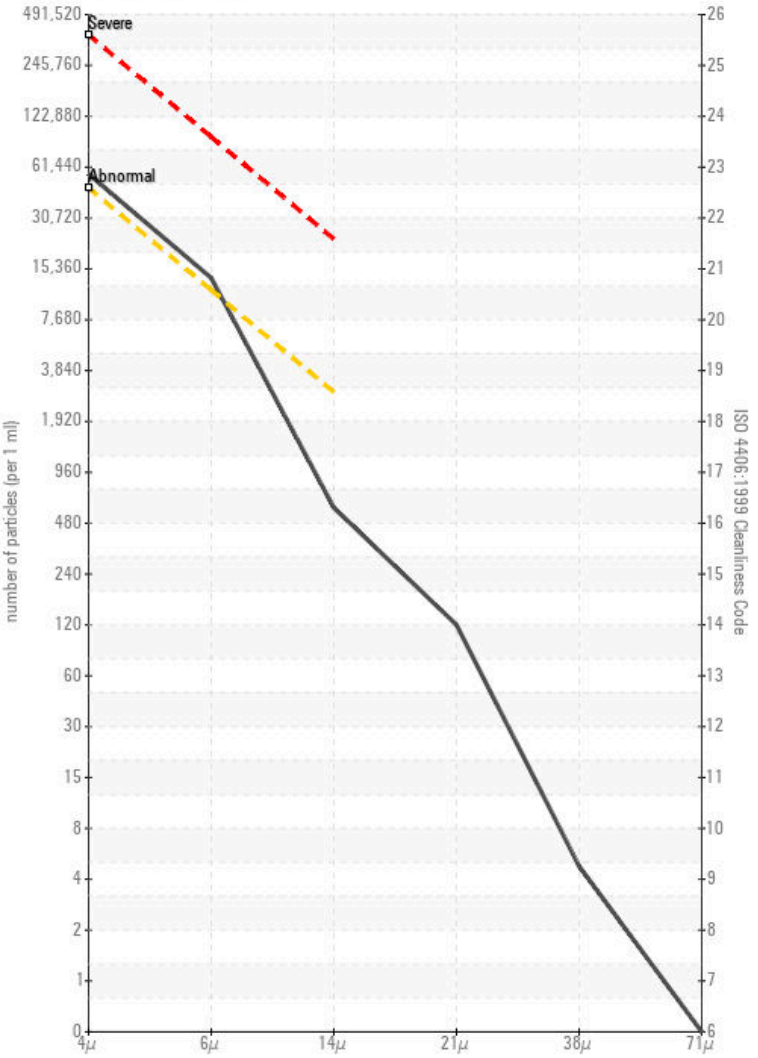


Non-ferrous Metals



Viscosity @ 40°C

Particle Count



Acid Number