



CONSTRUCTION EQUIPMENT

VOLVO EC750EL 314205 - HYDRAULIC SYSTEM



Sample No: VCP434304
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	VCP434304	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	1470	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	---	---	---

CONTAMINATION

Water	%	<0.1	---	---	---
Particles >4µm		█ 21851	---	---	---
Particles >6µm		█ 1937	---	---	---
Particles >14µm		▲ 154	---	---	---
ISO 4406:1999 (c)		22/18/14	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 147	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 527	---	---	---
Phosphorus	ppm	█ 409	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The system cleanliness is above the acceptable limit for the target ISO 4406 cleanliness code. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO0090
Unique No: 10750586
Signed: Wes Davis
Report Date: 20 Nov 2023

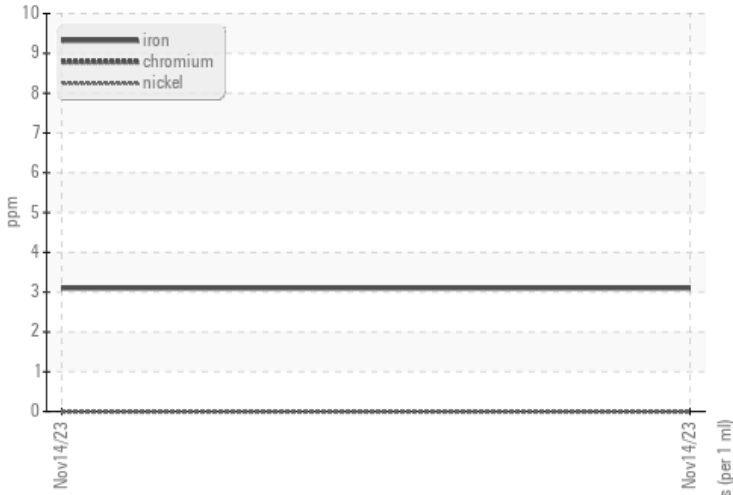


CONSTRUCTION EQUIPMENT

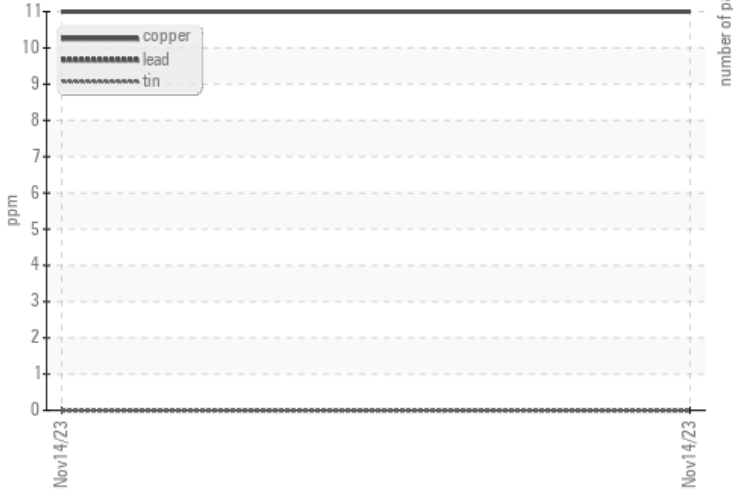


VOLVO GRAPHS

Ferrous Alloys



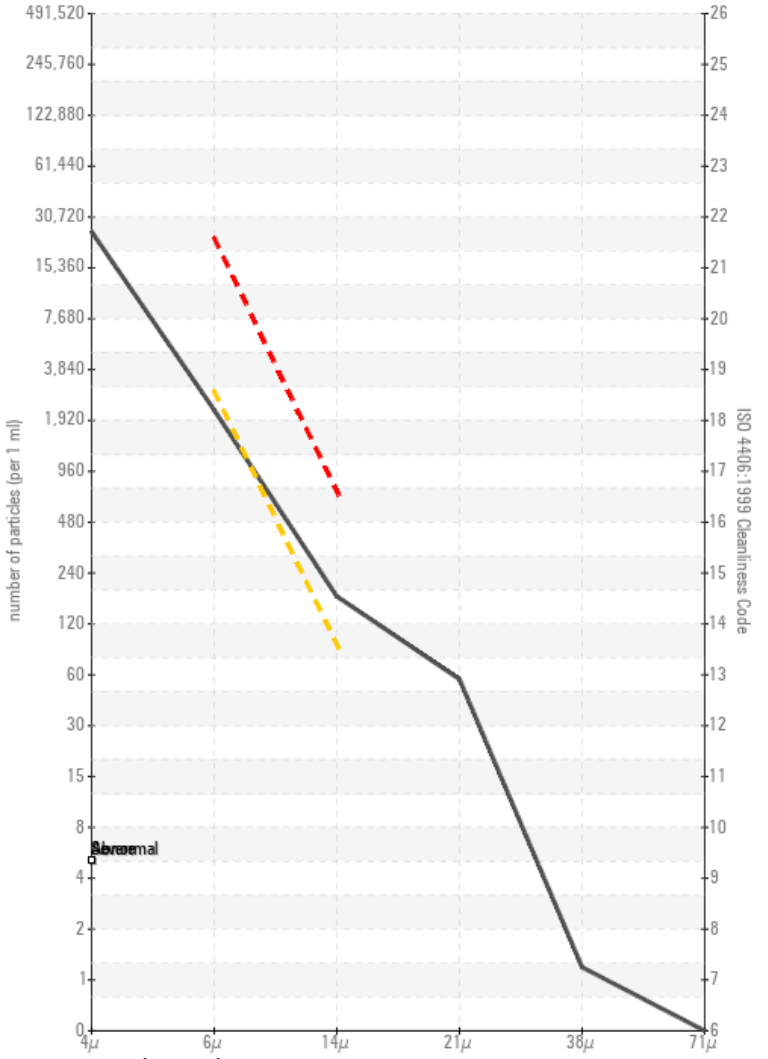
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

