



CONSTRUCTION EQUIPMENT

633930 VOLVO EC750 314108 - HYDRAULIC SYSTEM



Sample No: VCP431274
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 633930



SAMPLE INFORMATION

Sample Number	VCP431274	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	2548	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

BLUE GOOSE GROWERS

16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 40.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.40	---	---	---

T: (772)461-3020
 F:



CONTAMINATION

Water	%	<0.1	---	---	---
Particles >4µm		█ 6902	---	---	---
Particles >6µm		█ 1835	---	---	---
Particles >14µm		█ 118	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

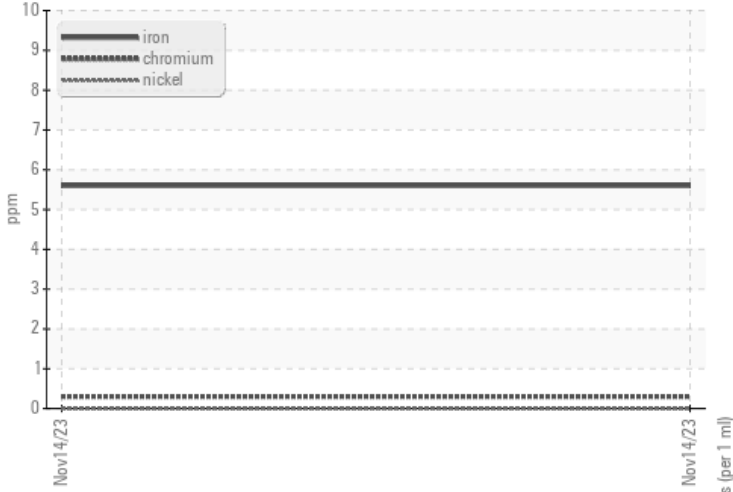
Calcium	ppm	█ 48	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 442	---	---	---
Phosphorus	ppm	█ 320	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: BLUFOR
Unique No: 10749849
Signed: Wes Davis
Report Date: 20 Nov 2023

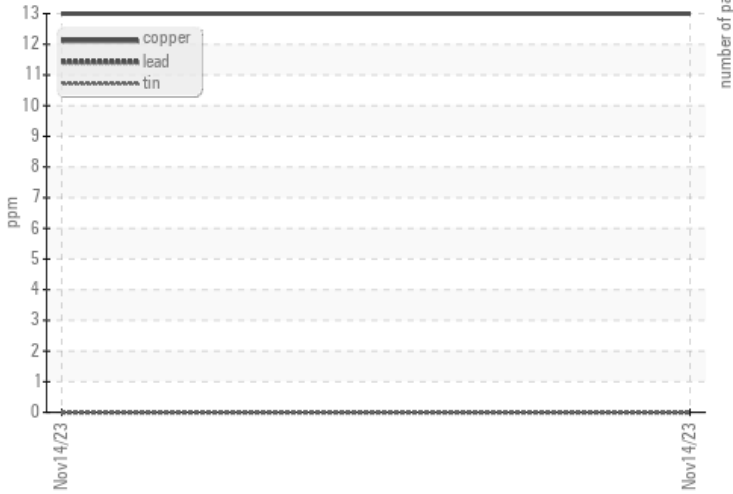


GRAPHS

Ferrous Alloys



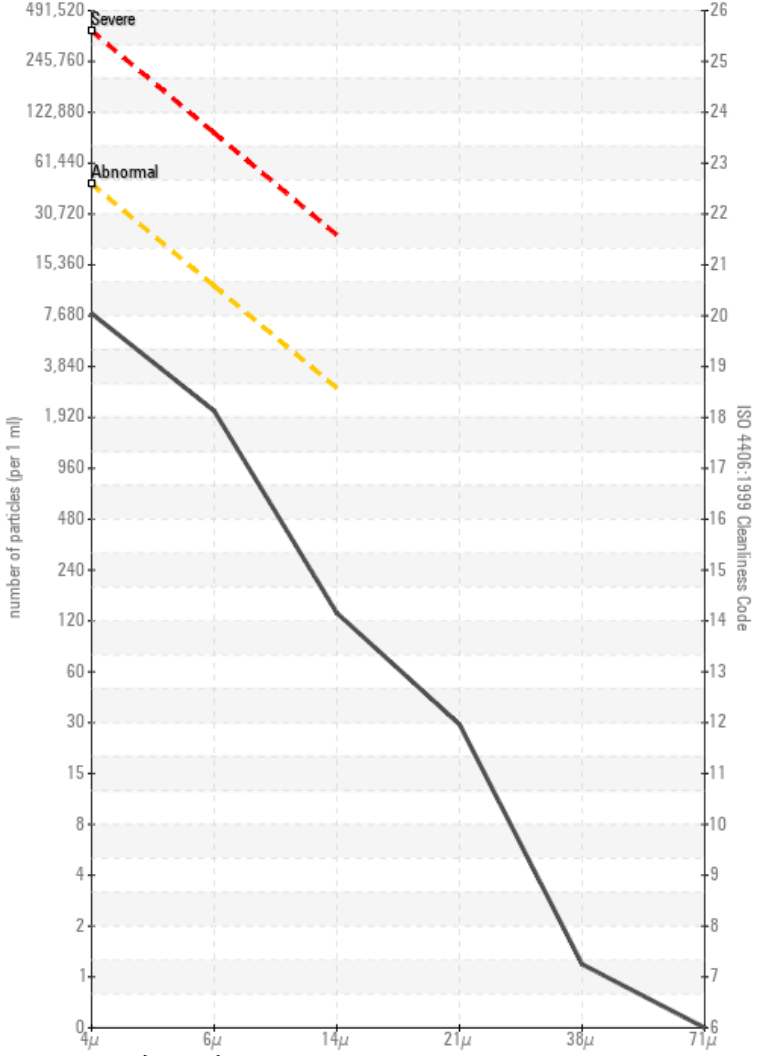
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

