



CONSTRUCTION EQUIPMENT

WHISSELL VOLVO EC350EL 314438 - HYDRAULIC SYSTEM



Sample No: VCP380880
Oil Type: AW HYDRAULIC OIL ISO 32
Job No:



SAMPLE INFORMATION

Sample Number	VCP380880	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	2365	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 34.9	---	---	---
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CONTAMINATION

Particles >4µm		█ 2988	---	---	---
Particles >6µm		█ 582	---	---	---
Particles >14µm		█ 30	---	---	---
ISO 4406:1999 (c)		19/16/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 41	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 254	---	---	---
Phosphorus	ppm	█ 518	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: VOLVO3909
Unique No: 5670753
Signed: Kevin Marson
Report Date: 03 Nov 2023

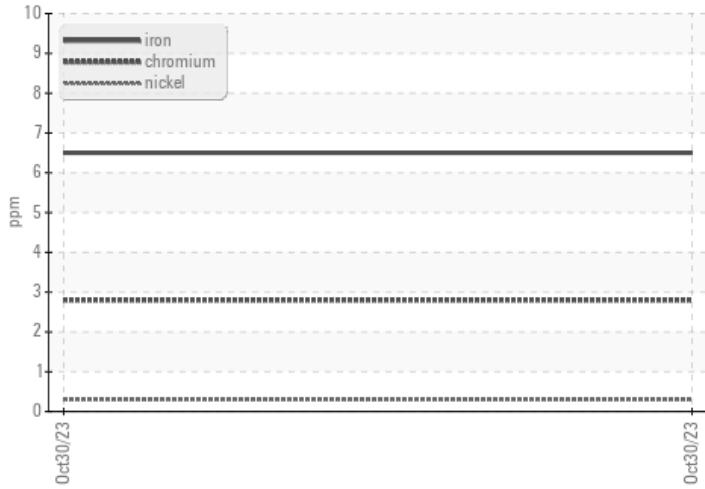


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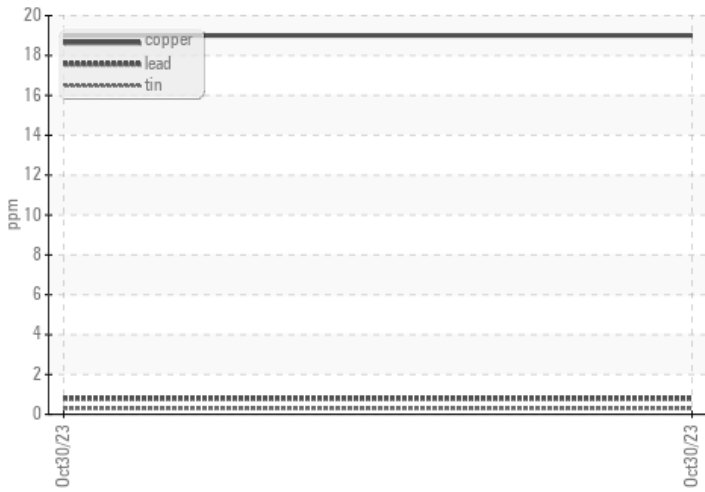


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

