



CONSTRUCTION EQUIPMENT

SPM621611 SENNEBOGEN 835 835.0.2465 - HYDRAULIC SYSTEM



Sample No: VCP440558
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM621611



SAMPLE INFORMATION

Sample Number	VCP440558	VCP404102	---	---
Sample Date	18 Oct 2023	11 Apr 2023	---	---
Machine Hours	8621	7962	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
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T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	39.4	39.2	---	---
Acid Number (AN)	mg KOH/g	0.66	0.56	---	---



CONTAMINATION

Particles >4µm		4983	2466	---	---
Particles >6µm		1075	525	---	---
Particles >14µm		57	41	---	---
ISO 4406:1999 (c)		19/17/13	18/16/13	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	5	4	---	---
Potassium	ppm	<1	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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	8	10	---	---
Copper	ppm	5	4	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	361	343	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	508	480	---	---
Phosphorus	ppm	408	399	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO8885
Unique No: 10737960
Signed: Wes Davis
Report Date: 13 Nov 2023

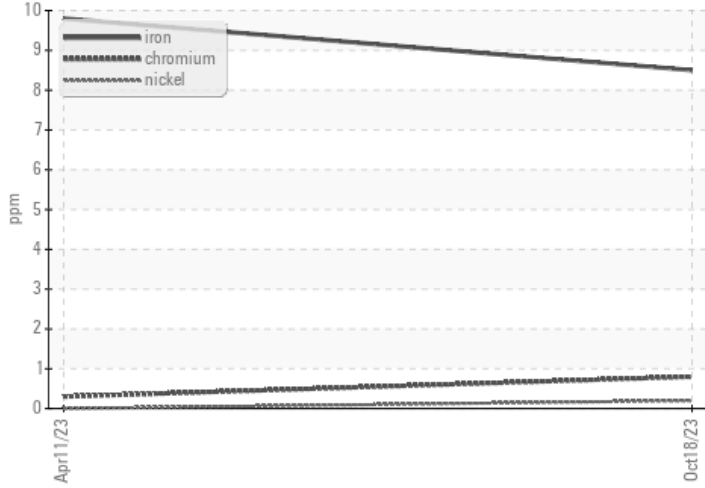


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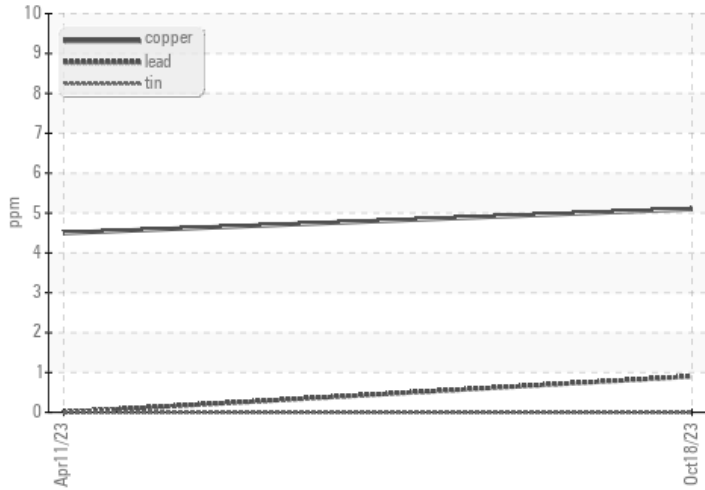


GRAPHS

Ferrous Alloys



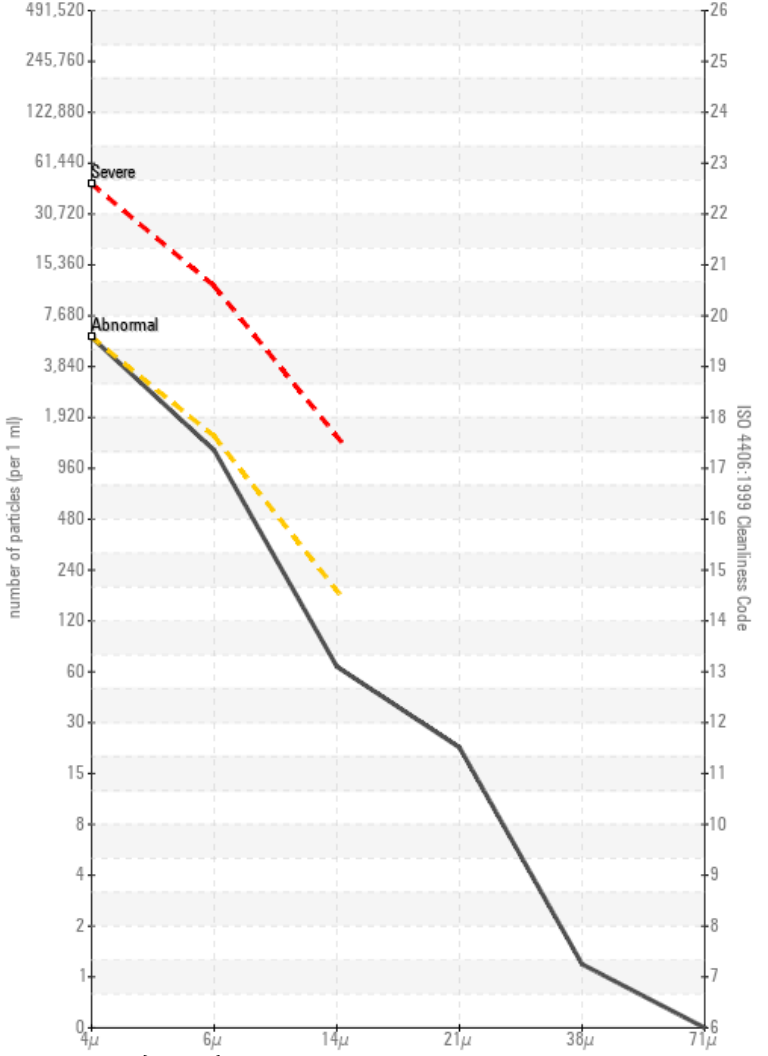
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

