



CONSTRUCTION EQUIPMENT

9676 VOLVO EC350E 314521 - HYDRAULIC SYSTEM



Sample No: VCP413796
Oil Type: CHEVRON HYDRAULIC OIL AW ISO 46
Job No: 9676



SAMPLE INFORMATION

Sample Number	VCP413796	VCP407334	---	---
Sample Date	19 Oct 2023	18 May 2023	---	---
Machine Hours	2322	1133	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

RECYCLE 1
 4700 LAWRENCE ST
 HYATTSVILLE, MD
 US 20781
 Contact: MIKE DESJARDINS
 mdesjarkins@wbwaste.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	40.6	41.5	---	---
Acid Number (AN)	mg KOH/g	0.49	0.30	---	---

CONTAMINATION

Particles >4µm		966	10148	---	---
Particles >6µm		74	1545	---	---
Particles >14µm		9	45	---	---
ISO 4406:1999 (c)		17/13/10	21/18/13	---	---
Silicon	ppm	4	3	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	2	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	3	1	---	---
Copper	ppm	19	13	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	88	89	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	528	523	---	---
Phosphorus	ppm	409	386	---	---
Barium	ppm	3	0	---	---
Boron	ppm	0	0	---	---

Depot: RECHYA
Unique No: 10711753
Signed: Wes Davis
Report Date: 26 Oct 2023

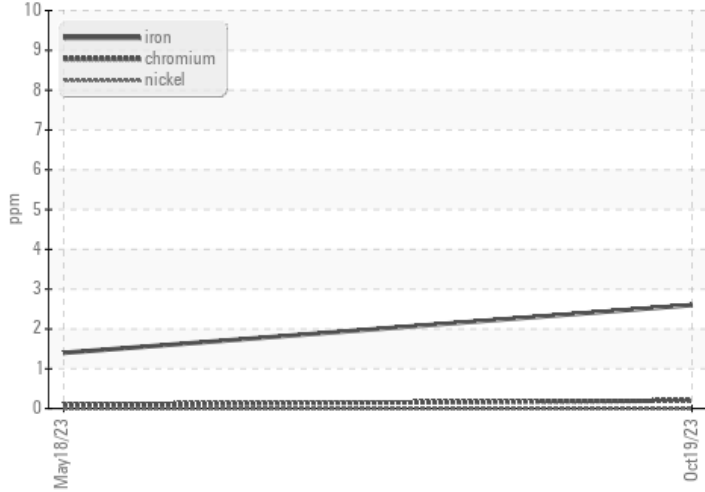


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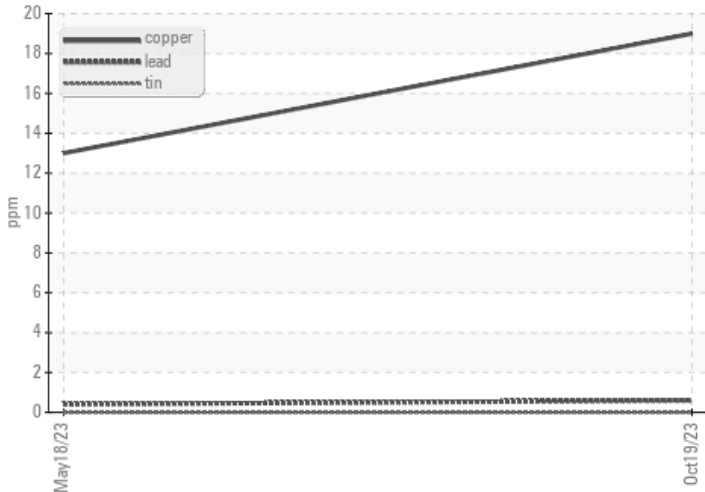


VOLVO GRAPHS

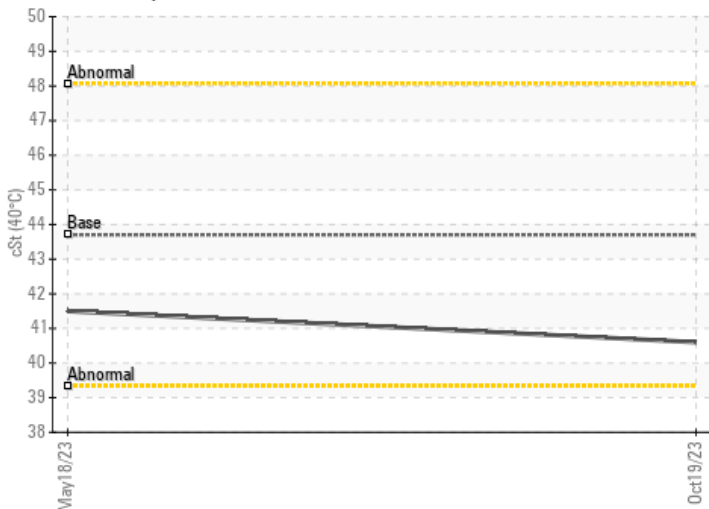
Ferrous Alloys



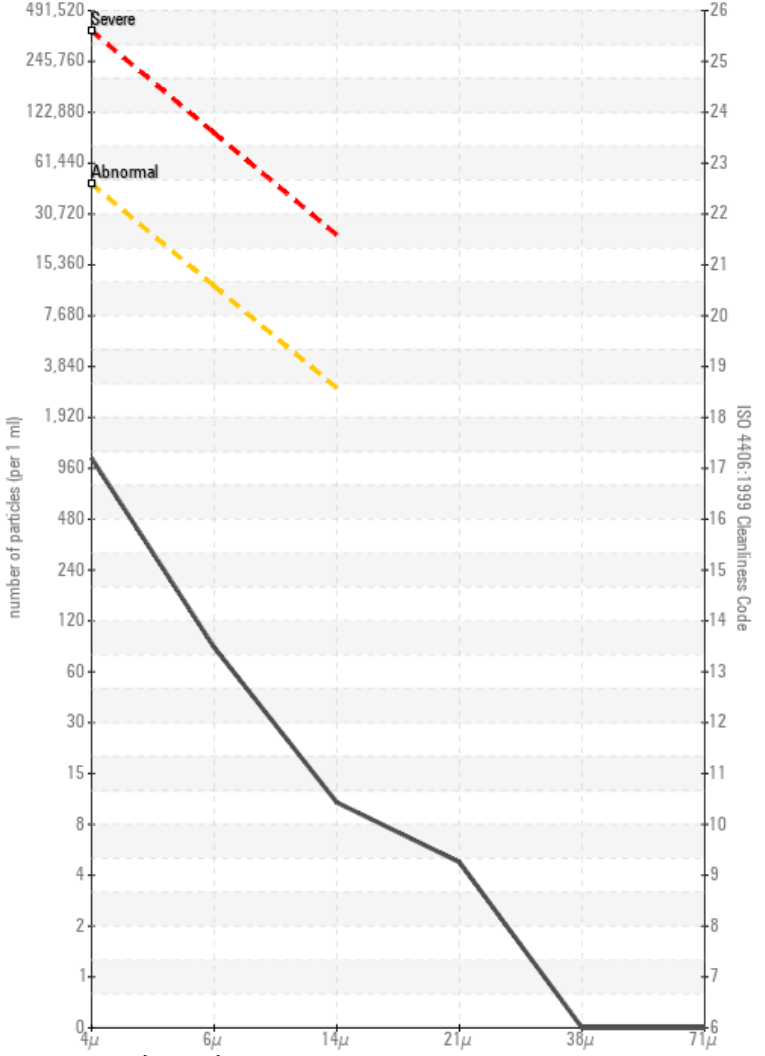
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

