



# CONSTRUCTION EQUIPMENT

## 297 JOHN DEERE 373665 - LEFT HYDRAULIC SYSTEM



**Sample No:** VCP413831  
**Oil Type:** SHELL TELLUS S2 MX 46  
**Job No:** 297



### SAMPLE INFORMATION

Sample Number	VCP413831	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	3118	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 46.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.23	---	---	---



### CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 0	---	---	---
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	█ 31	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 64	---	---	---
Phosphorus	ppm	█ 513	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

**Depot:** TOTGAI  
**Unique No:** 10735970  
**Signed:** Angela Borella  
**Report Date:** 10 Nov 2023

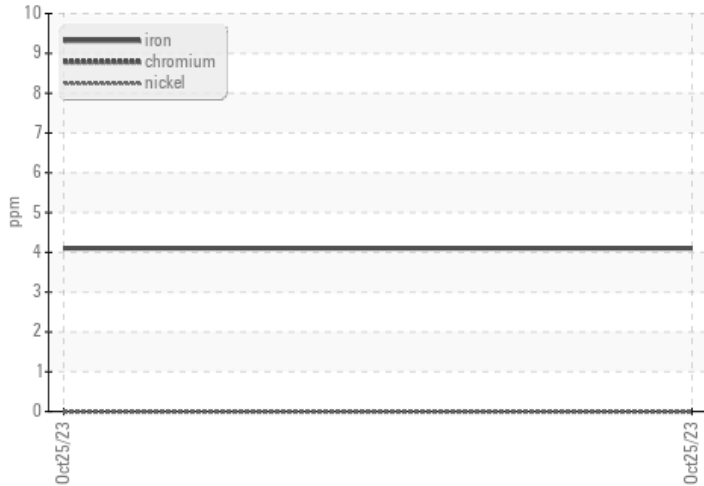


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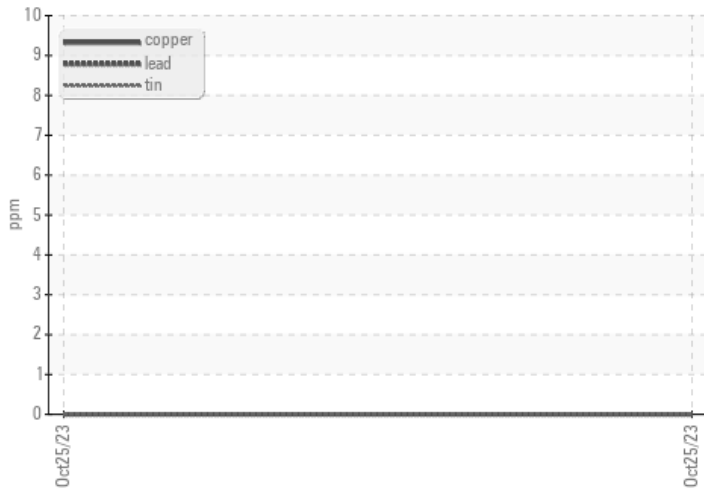


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

