



# CONSTRUCTION EQUIPMENT

## X58459 VOLVO EC350EL 314368 - HYDRAULIC SYSTEM



**Sample No:** VCP406521

**Oil Type:** NOT GIVEN

**Job No:** X58459



### SAMPLE INFORMATION

Sample Number	VCP406521	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	1476	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
 PO BOX 997  
 SAINT ROSE, LA  
 US 70087  
 Contact: DENISE CORVERS  
 dcorvers@scottcompanies.com  
 T: (504)461-0961  
 F: (504)461-0970



### OIL CONDITION

Visc @ 40°C	cSt	█ 41.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.50	---	---	---



### CONTAMINATION

Particles >4µm		█ 13822	---	---	---
Particles >6µm		█ 1834	---	---	---
Particles >14µm		█ 57	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 10W AW Hydraulic Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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	█ 1	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	76	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	533	---	---	---
Phosphorus	ppm	409	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

**Depot:** SCOSAI  
**Unique No:** 10618741  
**Signed:** Wes Davis  
**Report Date:** 28 Aug 2023

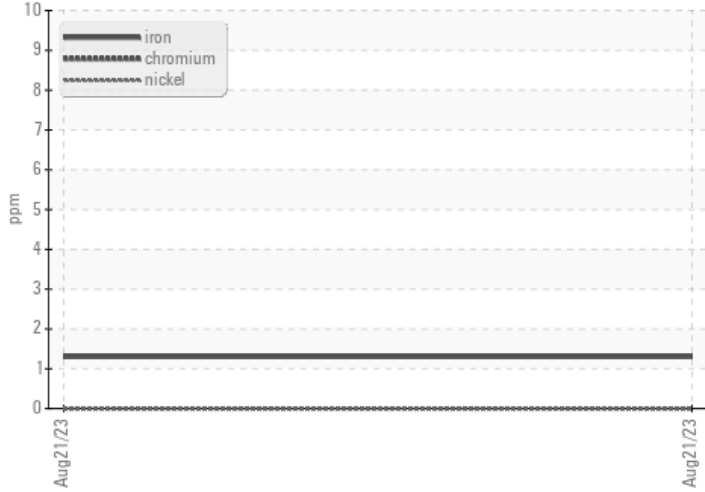


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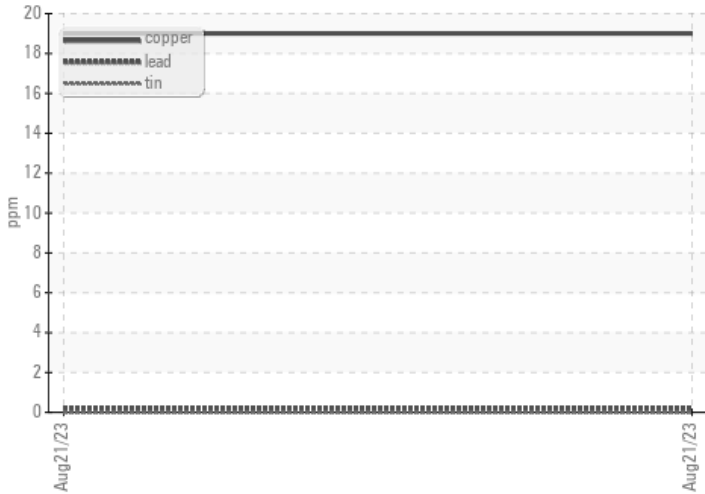


## VOLVO GRAPHS

### Ferrous Alloys



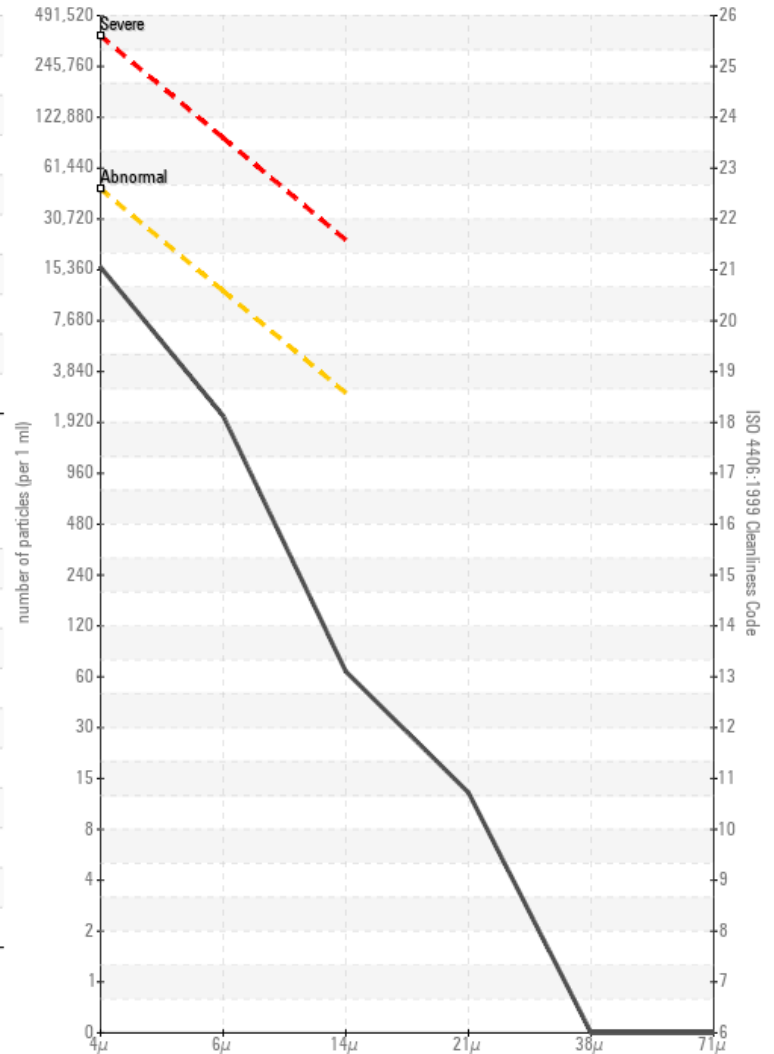
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

