



# CONSTRUCTION EQUIPMENT

## X17729 VOLVO EC480EL 311309 - HYDRAULIC SYSTEM



**Sample No:** VCP419271  
**Oil Type:** NOT GIVEN  
**Job No:** X17729



**SCOTT EQUIPMENT COMPANY LLC - Jackson**  
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### SAMPLE INFORMATION

Sample Number	VCP419271	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	4255	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 39.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.51	---	---	---



### CONTAMINATION

Water	%	▲ 0.392	---	---	---
Particles >4µm		█ 1722	---	---	---
Particles >6µm		█ 938	---	---	---
Particles >14µm		█ 160	---	---	---
ISO 4406:1999 (c)		18/17/14	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---



### WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	217	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	450	---	---	---
Phosphorus	ppm	390	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

### Diagnosis

We advise that you check for the source of water entry. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO8771  
**Unique No:** 10643167  
**Signed:** Jonathan Hester  
**Report Date:** 18 Sep 2023

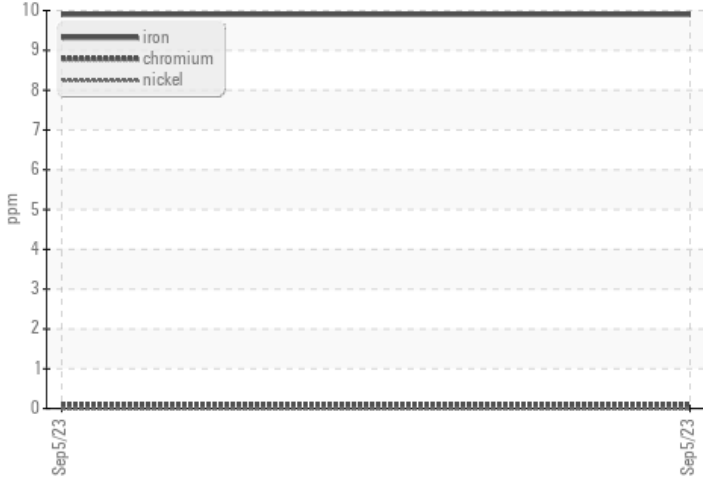


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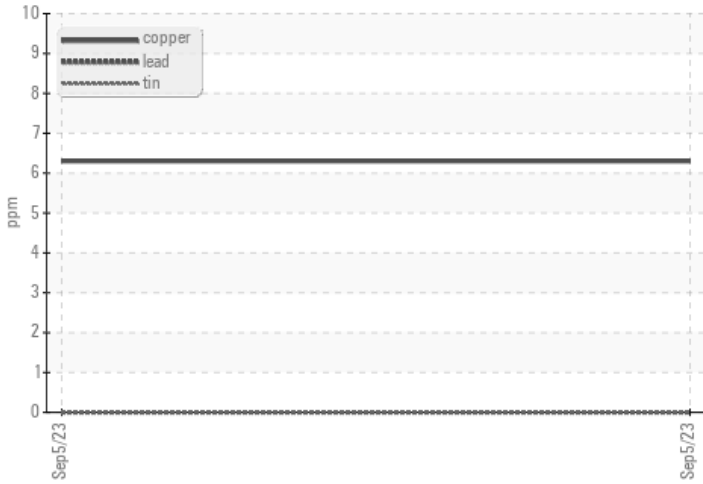


## VOLVO GRAPHS

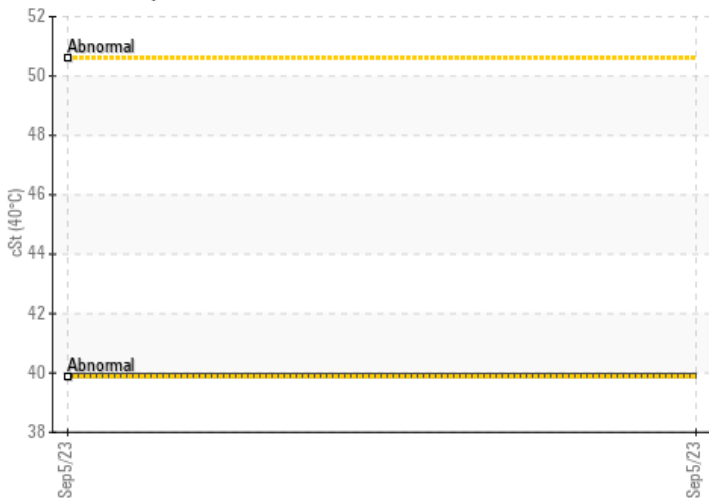
### Ferrous Alloys



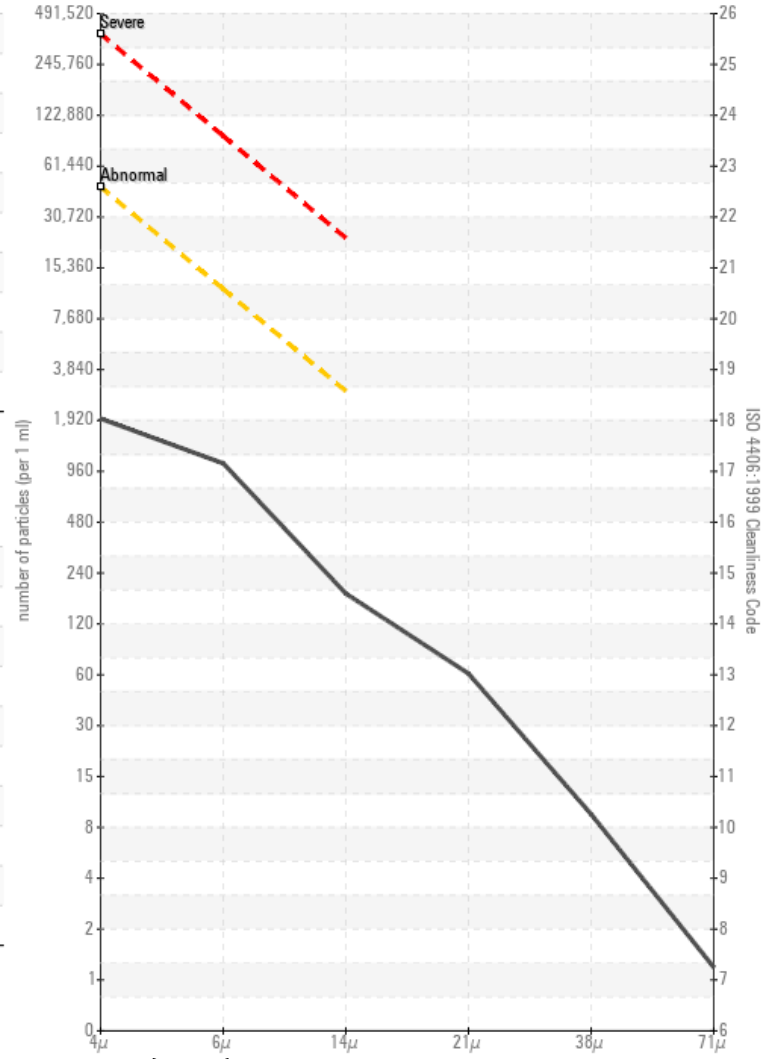
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

