



# CONSTRUCTION EQUIPMENT

## 375374 VOLVO A25F 80028 - HYDRAULIC SYSTEM



**Sample No:** VCP394643  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL SAE 10W30  
**Job No:** 375374



### SAMPLE INFORMATION

Sample Number	VCP394643	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	16156	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT

54 IBER ROAD  
 OTTAWA, ON  
 CA K2S 1E8  
 Contact: Daniel Simard  
 dsimard@strongco.com  
 T: (613)836-6633  
 F: (613)836-2614



### OIL CONDITION

Visc @ 40°C	cSt	65.2	---	---	---
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### CONTAMINATION

Particles >4µm		2465	---	---	---
Particles >6µm		654	---	---	---
Particles >14µm		78	---	---	---
ISO 4406:1999 (c)		18/17/13	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	3	---	---	---

### 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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	74	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	1725	---	---	---
Magnesium	ppm	360	---	---	---
Zinc	ppm	1071	---	---	---
Phosphorus	ppm	1021	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	130	---	---	---

**Depot:** SHESTI  
**Unique No:** 5633106  
**Signed:** Kevin Marson  
**Report Date:** 05 Sep 2023

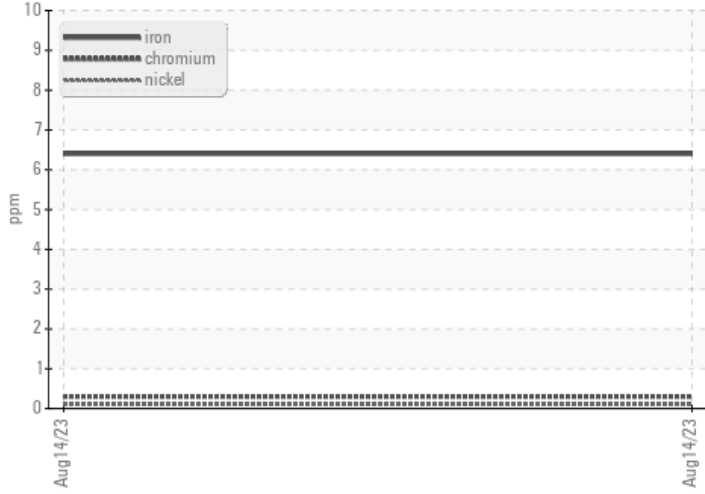


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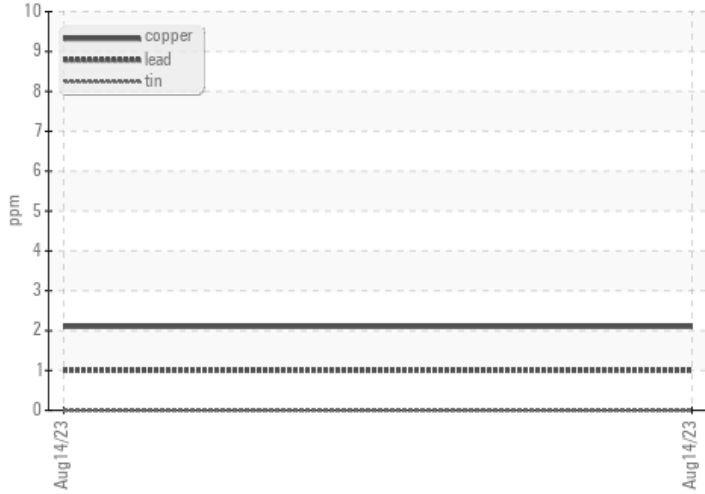


## GRAPHS

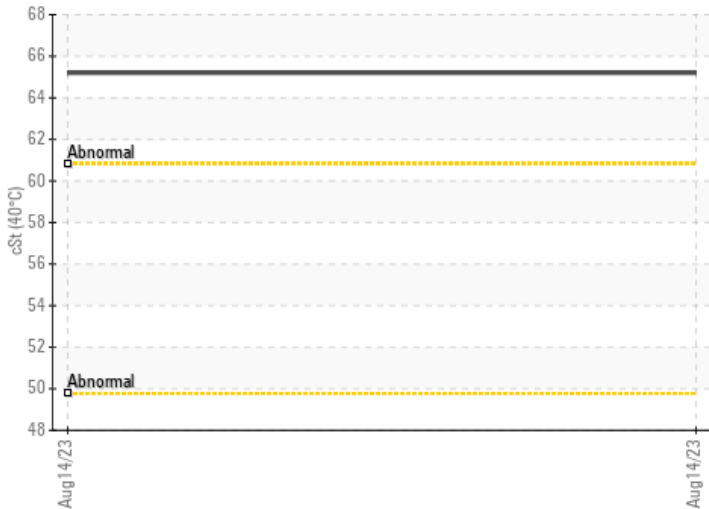
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

