



# CONSTRUCTION EQUIPMENT

## SPM606757 OLD MISSIO VOLVO L35G 3420192 - HYDRAULIC SYSTEM



**Sample No:** VCP433673  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** SPM606757 OLD MISSIO



### SAMPLE INFORMATION

Sample Number	VCP433673	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	2953	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

1061 STEPKE COURT  
 TRAVERSE CITY, MI  
 US 49685  
 Contact: KEVIN DOHM  
 kevin.dohm@altaequipment.com  
 T: (231)943-3700  
 F: (231)943-8110



### OIL CONDITION

Visc @ 40°C	cSt	█ 40.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---



### CONTAMINATION

Particles >4µm		█ 37952	---	---	---
Particles >6µm		▲ 5248	---	---	---
Particles >14µm		▲ 321	---	---	---
ISO 4406:1999 (c)		█ 22/20/16	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 4	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	█ 26	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 670	---	---	---
Magnesium	ppm	█ 16	---	---	---
Zinc	ppm	█ 500	---	---	---
Phosphorus	ppm	█ 412	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 14	---	---	---

**Depot:** VOLVO8501  
**Unique No:** 10661749  
**Signed:** Don Baldrige  
**Report Date:** 27 Sep 2023

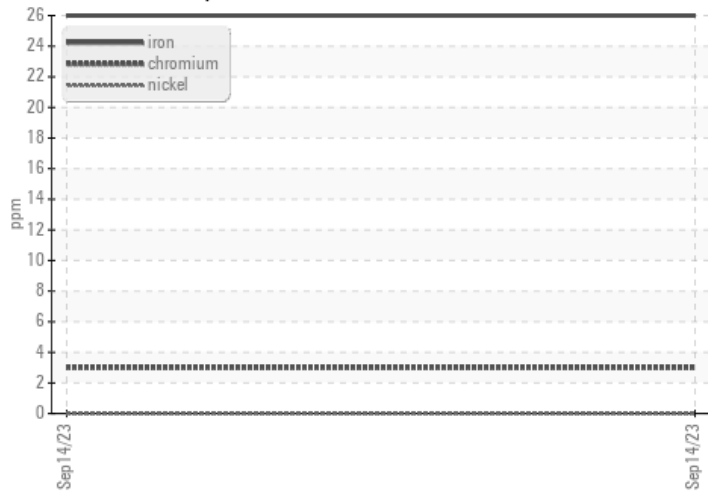


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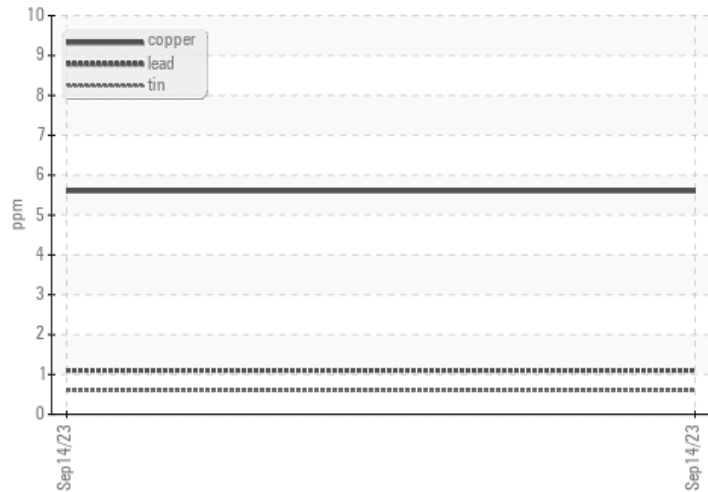


## GRAPHS

### Ferrous Alloys



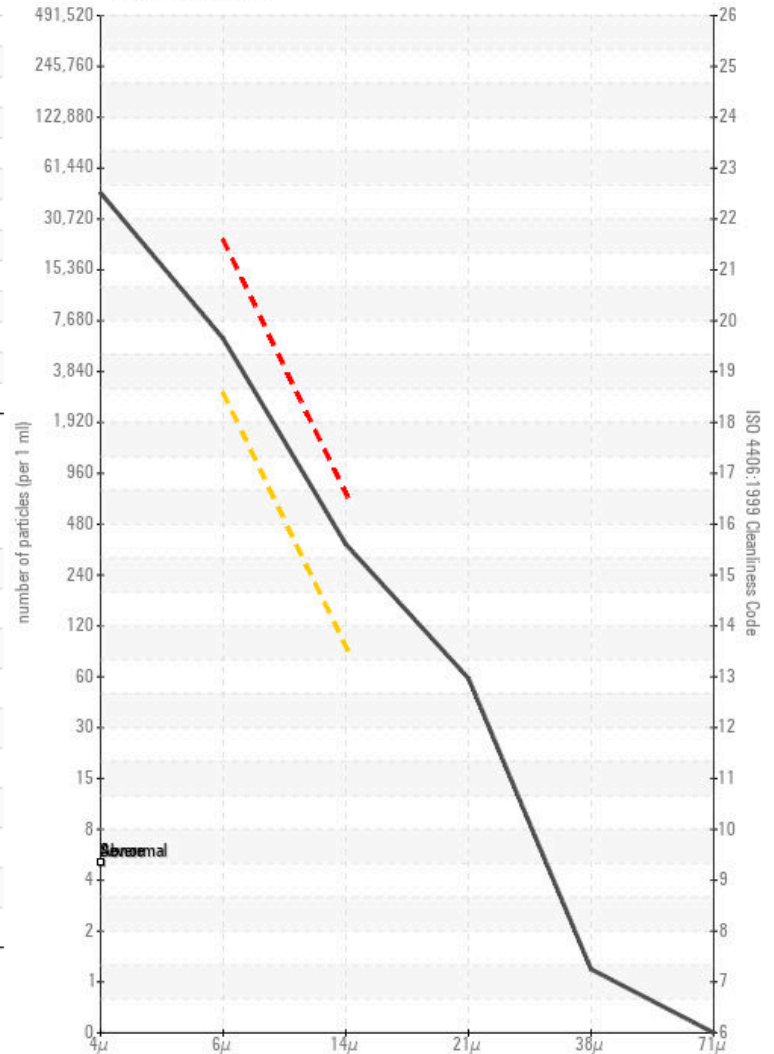
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

