



# CONSTRUCTION EQUIPMENT

## 567423 MOSAIC VOLVO L260H 1258 - HYDRAULIC SYSTEM



**Sample No:** VCP416007  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 567423 MOSAIC



### SAMPLE INFORMATION

Sample Number	<b>VCP416007</b>	VCP390697	VCP350114	---
Sample Date	<b>27 Jun 2023</b>	04 Oct 2022	05 Feb 2022	---
Machine Hours	<b>3304</b>	2102	1078	---
Oil Hours	<b>3304</b>	1500	1078	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	ABNORMAL	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: JOHN FARDELLA  
 JFARDELLA@ALTAEQUIPFL.COM  
 T: (813)630-0077  
 F: (813)630-2233



### OIL CONDITION

Visc @ 40°C	cSt	<b>50.2</b>	51.4	60.2	---
Acid Number (AN)	mg KOH/g	<b>0.73</b>	0.60	0.33	---



### CONTAMINATION

Particles >4µm		<b>32865</b>	11465	19563	---
Particles >6µm		<b>6521</b>	1220	1307	---
Particles >14µm		<b>136</b>	93	58	---
ISO 4406:1999 (c)		<b>22/20/14</b>	21/17/14	21/18/13	---
Silicon	ppm	<b>12</b>	13	1	---
Sodium	ppm	<b>0</b>	2	0	---
Potassium	ppm	<b>2</b>	0	1	---

### Diagnosis

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 amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



### WEAR METALS

Iron	ppm	<b>3</b>	<1	0	---
Copper	ppm	<b>5</b>	3	2	---
Lead	ppm	<b>1</b>	0	<1	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>1</b>	2	0	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>2</b>	2	<1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	<1	0	---
Vanadium	ppm	<b>0</b>	1	0	---



### ADDITIVES

Calcium	ppm	<b>1907</b>	1143	212	---
Magnesium	ppm	<b>22</b>	16	37	---
Zinc	ppm	<b>821</b>	630	396	---
Phosphorus	ppm	<b>660</b>	514	314	---
Barium	ppm	<b>1</b>	0	0	---
Boron	ppm	<b>24</b>	14	0	---

**Depot:** VOLVO0093  
**Unique No:** 10574253  
**Signed:** Wes Davis  
**Report Date:** 27 Jul 2023

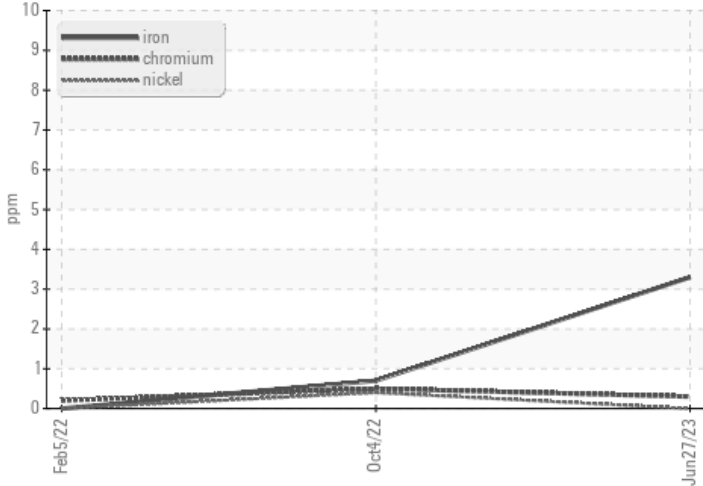


# CONSTRUCTION EQUIPMENT

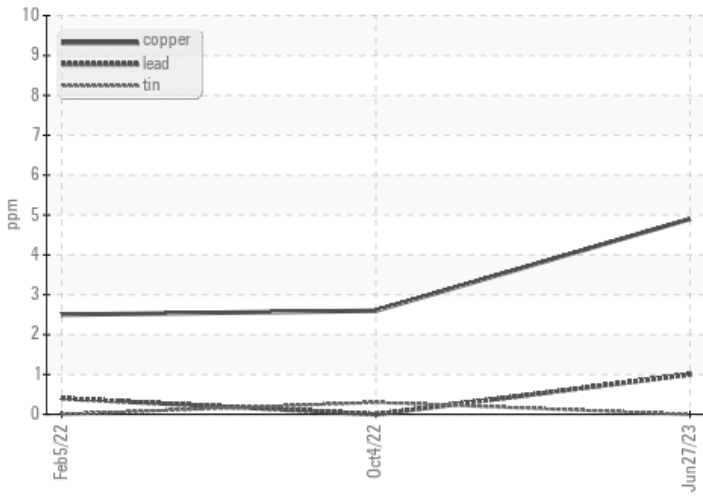


## GRAPHS

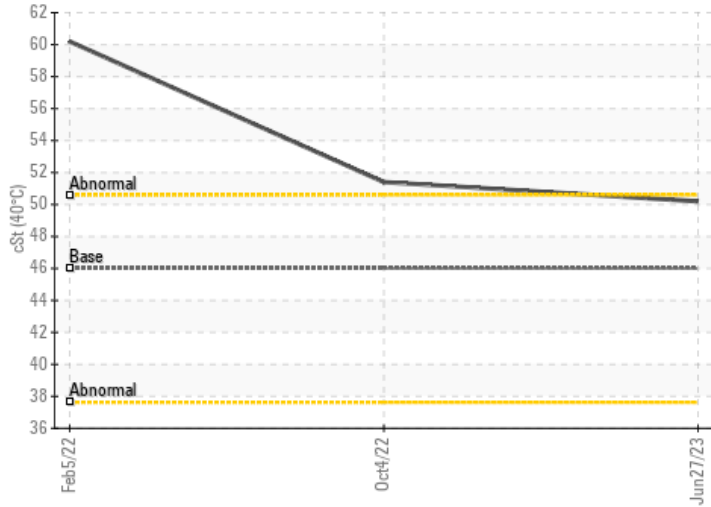
Ferrous Alloys



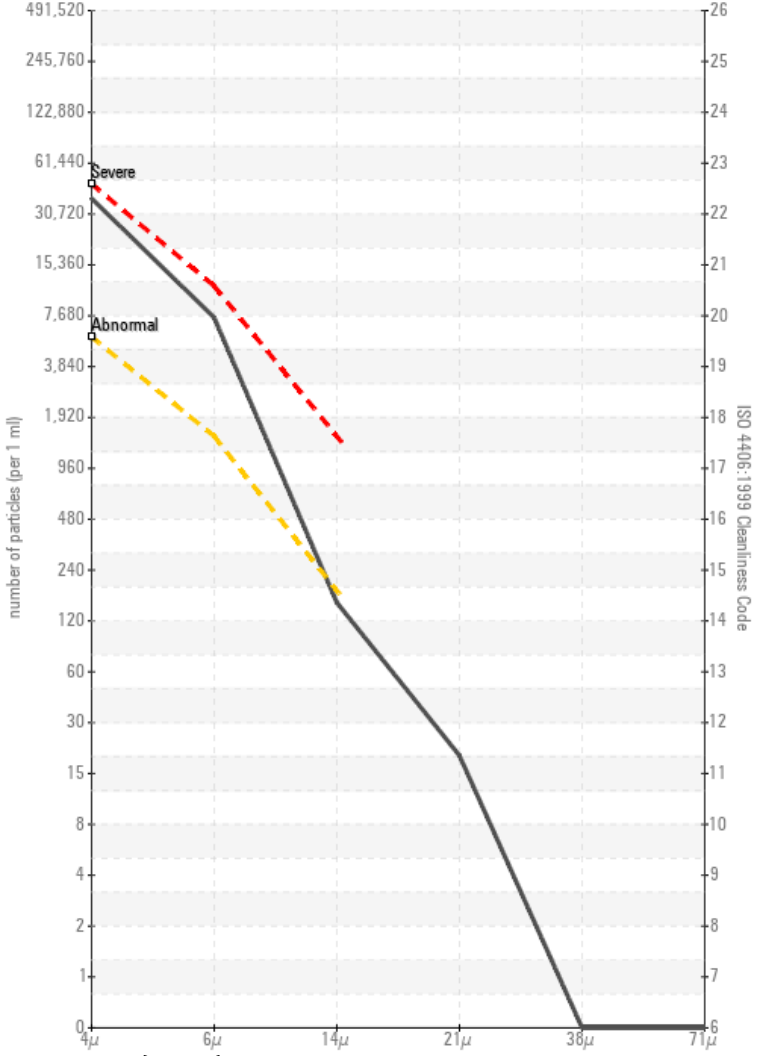
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

