



# CONSTRUCTION EQUIPMENT

580677 APTIM VOLVO A35G 340041 - DROP BOX



**Sample No:** VCP417075  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 580677 APTIM



## SAMPLE INFORMATION

Sample Number	<b>VCP417075</b>	VCP395996	---	---
Sample Date	<b>28 Jul 2023</b>	03 Feb 2023	---	---
Machine Hours	<b>12724</b>	11776	---	---
Oil Hours	<b>3000</b>	3000	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ATTENTION</b>	ATTENTION	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



## OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 48.9</b>	▲ 47.8	---	---
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## CONTAMINATION

Silicon	ppm	<b>19</b>	18	---	---
Sodium	ppm	<b>0</b>	2	---	---
Potassium	ppm	<b>5</b>	3	---	---

## Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.



## WEAR METALS

Iron	ppm	<b>232</b>	211	---	---
Copper	ppm	<b>3</b>	1	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>14</b>	14	---	---
Chromium	ppm	<b>2</b>	3	---	---
Molybdenum	ppm	<b>15</b>	15	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>&lt;1</b>	0	---	---
Manganese	ppm	<b>3</b>	3	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>1091</b>	1038	---	---
Magnesium	ppm	<b>70</b>	70	---	---
Zinc	ppm	<b>544</b>	528	---	---
Phosphorus	ppm	<b>924</b>	863	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>111</b>	99	---	---

**Depot:** VOLVO0093  
**Unique No:** 10589841  
**Signed:** Sean Felton  
**Report Date:** 08 Aug 2023

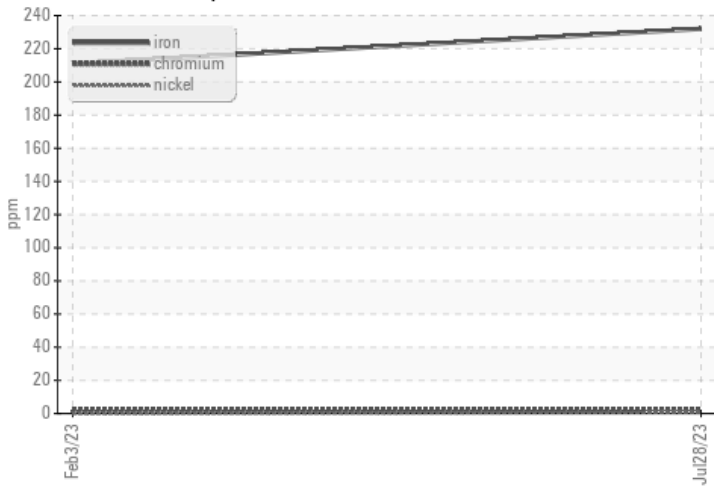


# CONSTRUCTION EQUIPMENT

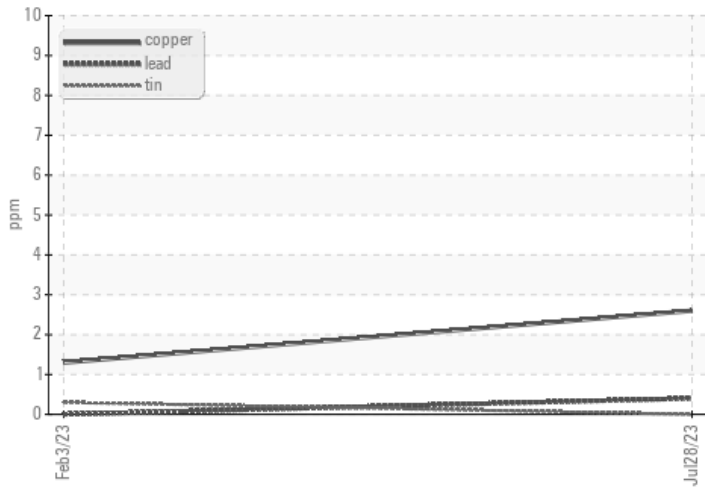


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C

