



# CONSTRUCTION EQUIPMENT

700821 HILSBOROUGH VOLVO L120H 633404 - REAR AXLE



**Sample No:** VCP437907  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 700821 HILSBOROUGH



## SAMPLE INFORMATION

Sample Number	<b>VCP437907</b>	VCP426238	---	---
Sample Date	<b>08 Apr 2024</b>	28 Sep 2023	---	---
Machine Hours	<b>2034</b>	1023	---	---
Oil Hours	<b>2034</b>	0	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>ATTENTION</b>	ATTENTION	---	---

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



## OIL CONDITION

Visc @ 40°C	cSt	<b>42.5</b>	41.6	---	---
-------------	-----	-------------	------	-----	-----



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>15</b>	25	---	---
Sodium	ppm	<b>&lt;1</b>	0	---	---
Potassium	ppm	<b>0</b>	3	---	---

## Diagnosis

The oil 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>56</b>	79	---	---
Copper	ppm	<b>2</b>	4	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	1	---	---
Chromium	ppm	<b>&lt;1</b>	1	---	---
Molybdenum	ppm	<b>2</b>	4	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>2</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>4022</b>	3853	---	---
Magnesium	ppm	<b>15</b>	7	---	---
Zinc	ppm	<b>1622</b>	1608	---	---
Phosphorus	ppm	<b>1338</b>	1306	---	---
Barium	ppm	<b>&lt;1</b>	0	---	---
Boron	ppm	<b>145</b>	132	---	---

**Depot:** VOLVO0093  
**Unique No:** 11018977  
**Signed:** Don Baldrige  
**Report Date:** 10 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

