



# CONSTRUCTION EQUIPMENT

TRIPLE M METAL MLF-MAR14-022 VOLVO EC700C 110606 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP448147  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** MLF-MAR14-022



## SAMPLE INFORMATION

Sample Number	<b>VCP448147</b>	VCP394169	VCP263092	---
Sample Date	<b>19 Mar 2024</b>	08 Jan 2024	22 Jan 2020	---
Machine Hours	<b>29157</b>	28630	15139	---
Oil Hours	<b>1000</b>	0	1000	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.  
 Burlington, ON  
 CA L7L 4Y1

Contact: Sue Hooton  
 shooton@strongco.com  
 T: (905)331-3835  
 F: (905)643-6077



## OIL CONDITION

Visc @ 40°C	cSt	<b>141</b>	140	137	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	0.036	---
Silicon	ppm	<b>&lt;1</b>	6	17	---
Sodium	ppm	<b>&lt;1</b>	<1	2	---
Potassium	ppm	<b>0</b>	<1	<1	---

### Diagnosis

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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>29</b>	70	131	---
Copper	ppm	<b>0</b>	<1	<1	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>1</b>	5	14	---
Chromium	ppm	<b>0</b>	<1	2	---
Molybdenum	ppm	<b>0</b>	0	<1	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>0</b>	2	6	---
Vanadium	ppm	<b>0</b>	0	<1	---



## ADDITIVES

Calcium	ppm	<b>29</b>	33	89	---
Magnesium	ppm	<b>2</b>	6	17	---
Zinc	ppm	<b>8</b>	5	11	---
Phosphorus	ppm	<b>990</b>	1177	1028	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>176</b>	182	174	---

**Depot:** VOLVO0252  
**Unique No:** 5748953  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024



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## GRAPHS

