



# CONSTRUCTION EQUIPMENT

## TRIPLE M METAL 390107 VOLVO EC700C 110606 - LEFT SWING DRIVE



**Sample No:** VCP391998  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 390107



### SAMPLE INFORMATION

Sample Number	<b>VCP391998</b>	VCP394773	VCP274050	VCP251349
Sample Date	<b>08 Jan 2024</b>	11 Jul 2023	01 Mar 2021	13 Jul 2020
Machine Hours	<b>28630</b>	25708	19663	16884
Oil Hours	<b>0</b>	0	1000	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	NORMAL

### STRONGCO EQUIPMENT (CE)

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### OIL CONDITION

Visc @ 40°C	cSt	<b>141</b>	127	142	134
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### CONTAMINATION

Water	%	<b>NEG</b>	▲ 0.615	NEG	0.080
Silicon	ppm	<b>&lt;1</b>	7	3	4
Sodium	ppm	<b>0</b>	3	<1	<1
Potassium	ppm	<b>&lt;1</b>	2	0	<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>42</b>	362	56	106
Copper	ppm	<b>&lt;1</b>	5	3	3
Lead	ppm	<b>&lt;1</b>	<1	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	2	<1	<1
Chromium	ppm	<b>&lt;1</b>	3	<1	<1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>0</b>	3	<1	1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>18</b>	32	34	11
Magnesium	ppm	<b>1</b>	5	1	3
Zinc	ppm	<b>8</b>	28	19	13
Phosphorus	ppm	<b>1003</b>	2000	993	1040
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>166</b>	170	163	168

**Depot:** VOLVO0252  
**Unique No:** 5709001  
**Signed:** Wes Davis  
**Report Date:** 10 Jan 2024



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## VOLVO GRAPHS

