



# CONSTRUCTION EQUIPMENT

TRIPLE M METAL 379600 VOLVO EC700C 110604 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP394755  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 379600



## SAMPLE INFORMATION

Sample Number	<b>VCP394755</b>	VCP275322	VCP221682	VCE175587
Sample Date	<b>13 Oct 2023</b>	18 Feb 2021	02 Oct 2019	18 Jan 2018
Machine Hours	<b>10016</b>	7448	6095	3891
Oil Hours	<b>0</b>	2000	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### STRONGCO EQUIPMENT (CE)

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## OIL CONDITION

Visc @ 40°C	cSt	<b>139</b>	141	138	145
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## CONTAMINATION

Silicon	ppm	<b>3</b>	4	2	2
Sodium	ppm	<b>1</b>	1	2	6
Potassium	ppm	<b>0</b>	<1	<1	0



## WEAR METALS

Iron	ppm	<b>33</b>	28	32	57
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>1</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>&lt;1</b>	0	<1	0
Manganese	ppm	<b>0</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>52</b>	6	7	10
Magnesium	ppm	<b>2</b>	<1	<1	<1
Zinc	ppm	<b>21</b>	1	3	4
Phosphorus	ppm	<b>983</b>	968	1047	997
Barium	ppm	<b>&lt;1</b>	0	<1	<1
Boron	ppm	<b>175</b>	162	180	164

### 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.

**Depot:** VOLVO0252  
**Unique No:** 5658809  
**Signed:** Wes Davis  
**Report Date:** 17 Oct 2023



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## GRAPHS

