



# CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 396706 VOLVO EC380E 310885 - REAR LEFT FINAL DRIVE



**Sample No:** VCP450403  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 396706



**STRONGCO EQUIPMENT (CE)**  
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## SAMPLE INFORMATION

Sample Number	<b>VCP450403</b>	VCP252011	VCE115159	---
Sample Date	<b>08 Mar 2024</b>	04 Feb 2020	31 Aug 2018	---
Machine Hours	<b>12206</b>	4714	2222	---
Oil Hours	<b>6000</b>	2000	0	---
Oil Changed	<b>N/A</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>140</b>	142	137	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>18</b>	27	84	---
Sodium	ppm	<b>&lt;1</b>	<1	5	---
Potassium	ppm	<b>&lt;1</b>	<1	2	---



## WEAR METALS

PQ		---	---	462	---
Iron	ppm	<b>431</b>	458	1142	---
Copper	ppm	<b>&lt;1</b>	<1	2	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>7</b>	13	38	---
Chromium	ppm	<b>12</b>	10	16	---
Molybdenum	ppm	<b>&lt;1</b>	1	1	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>0</b>	1	4	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>5</b>	7	19	---
Vanadium	ppm	<b>0</b>	<1	<1	---



## ADDITIVES

Calcium	ppm	<b>99</b>	87	266	---
Magnesium	ppm	<b>11</b>	20	55	---
Zinc	ppm	<b>31</b>	21	28	---
Phosphorus	ppm	<b>1061</b>	1046	954	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>179</b>	153	128	---

## 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:** 5746714  
**Signed:** Kevin Marson  
**Report Date:** 13 Mar 2024



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## GRAPHS

