



# CONSTRUCTION EQUIPMENT

SPM620785 GFL VOLVO L120F 25722 - REAR AXLE



**Sample No:** VCP428718  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM620785 GFL



## SAMPLE INFORMATION

Sample Number	<b>VCP428718</b>	VCP303594	VCP274758	---
Sample Date	<b>21 Oct 2023</b>	18 Mar 2021	01 Jun 2020	---
Machine Hours	<b>18044</b>	15917	14388	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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 T:  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>43.0</b>	41.3	42.5	---
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## CONTAMINATION

Silicon	ppm	<b>11</b>	10	14	---
Sodium	ppm	<b>10</b>	7	4	---
Potassium	ppm	<b>0</b>	0	<1	---



## WEAR METALS

Iron	ppm	<b>12</b>	27	106	---
Copper	ppm	<b>0</b>	0	<1	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	<1	<1	---
Chromium	ppm	<b>0</b>	<1	2	---
Molybdenum	ppm	<b>2</b>	3	2	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	2	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3193</b>	3718	3966	---
Magnesium	ppm	<b>2</b>	32	34	---
Zinc	ppm	<b>1308</b>	1569	1501	---
Phosphorus	ppm	<b>1019</b>	1283	1335	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>117</b>	127	125	---

## 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:** VOLVO5023  
**Unique No:** 10714493  
**Signed:** Wes Davis  
**Report Date:** 28 Oct 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

