



CONSTRUCTION EQUIPMENT

SPM620785 GFL VOLVO L120F 25722 - FRONT AXLE



Sample No: VCP428713
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM620785 GFL



SAMPLE INFORMATION

Sample Number	VCP428713	VCP303567	VCP274611	---
Sample Date	21 Oct 2023	18 Mar 2021	01 Jun 2020	---
Machine Hours	18044	15917	14388	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 BURTON, MI
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.3	44.0	42.4	---
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CONTAMINATION

Silicon	ppm	11	11	15	---
Sodium	ppm	10	7	4	---
Potassium	ppm	0	0	5	---



WEAR METALS

Iron	ppm	8	19	86	---
Copper	ppm	0	<1	<1	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	2	3	4	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3225	3726	3813	---
Magnesium	ppm	<1	32	30	---
Zinc	ppm	1317	1572	1520	---
Phosphorus	ppm	1019	1286	1127	---
Barium	ppm	0	0	<1	---
Boron	ppm	115	129	112	---

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: 10714491
Signed: Wes Davis
Report Date: 28 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

