



CONSTRUCTION EQUIPMENT

12622 METAL TECH VOLVO L220H 2718 - FRONT AXLE



Sample No: VCP454448
Oil Type: VOLVO WB 102
Job No: 12622 METAL TECH



SAMPLE INFORMATION

Sample Number	VCP454448	VCP443397	---	---
Sample Date	06 May 2024	27 Feb 2024	---	---
Machine Hours	17016	16260	---	---
Oil Hours	0	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE

LIONVILLE, PA

US 19341

Contact: JIM FEHR

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OIL CONDITION

Visc @ 40°C	cSt	45.2	123	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	15	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	6	89	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	7	26	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3196	222	---	---
Magnesium	ppm	70	4	---	---
Zinc	ppm	1333	104	---	---
Phosphorus	ppm	1180	1305	---	---
Barium	ppm	0	0	---	---
Boron	ppm	132	230	---	---

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: VOLVO8879

Unique No: 11034533

Signed: Wes Davis

Report Date: 20 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

