



CONSTRUCTION EQUIPMENT

12622 METAL TECH VOLVO L220H 2718 - REAR AXLE



Sample No: VCP454430

Oil Type: VOLVO WB 102

Job No: 12622 METAL TECH



SAMPLE INFORMATION

Sample Number	VCP454430	VCP443394	---	---
Sample Date	06 May 2024	27 Feb 2024	---	---
Machine Hours	17016	16260	---	---
Oil Hours	0	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---



HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE

LIONVILLE, PA

US 19341

Contact: JIM FEHR

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OIL CONDITION

Visc @ 40°C	cSt	45.9	135	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	3	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	4	36	---	---
Copper	ppm	1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	5	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3188	125	---	---
Magnesium	ppm	68	5	---	---
Zinc	ppm	1325	54	---	---
Phosphorus	ppm	1160	1109	---	---
Barium	ppm	0	0	---	---
Boron	ppm	121	127	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8879

Unique No: 11034534

Signed: Angela Borella

Report Date: 21 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

