



CONSTRUCTION EQUIPMENT

A12166 METAL TECH VOLVO L220H 2718 - TRANSMISSION (AUTO)



Sample No: VCP443391
Oil Type: MOBIL AT 102
Job No: A12166 METAL TECH



SAMPLE INFORMATION

Sample Number	VCP443391	---	---	---
Sample Date	27 Feb 2024	---	---	---
Machine Hours	16260	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
 jim.fehr@hoffmanequip.com
 T: (610)363-9200
 F: (610)594-0829



OIL CONDITION

Visc @ 40°C	cSt	█ 27.8	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---

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.



WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	99	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	183	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	77	---	---	---

Depot: VOLVO8879
Unique No: 10909984
Signed: Jonathan Hester
Report Date: 05 Mar 2024



CONSTRUCTION EQUIPMENT

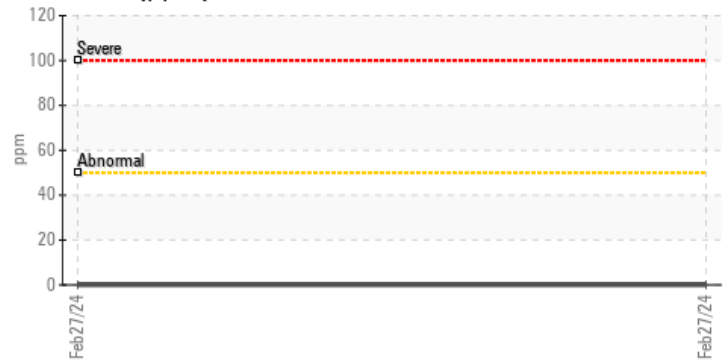


GRAPHS

Iron (ppm)



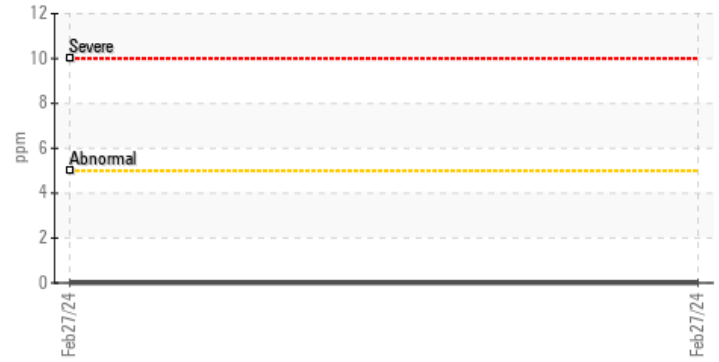
Lead (ppm)



Aluminum (ppm)



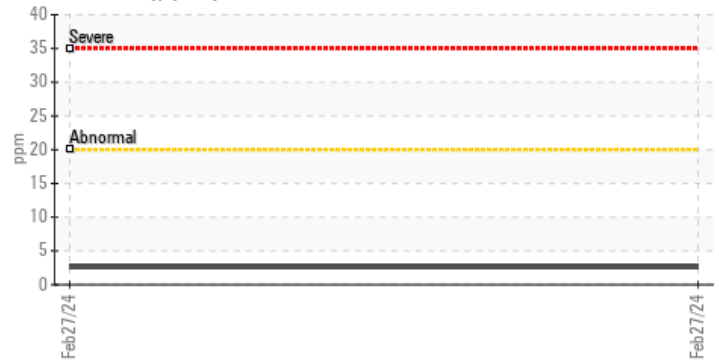
Chromium (ppm)



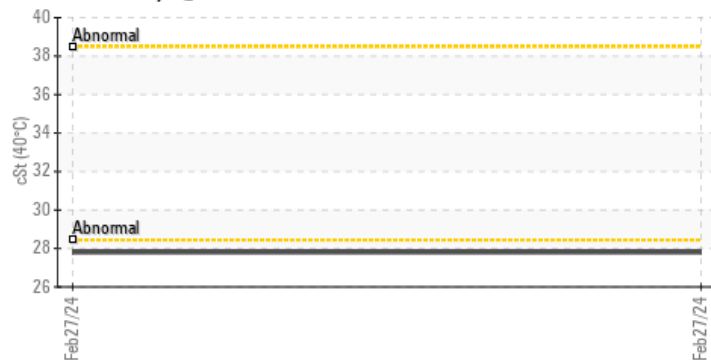
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

