



# CONSTRUCTION EQUIPMENT

## A12387 VOLVO L120H 632707 - TRANSMISSION (AUTO)



**Sample No:** VCP440352

**Oil Type:** MOBIL ATF

**Job No:** A12387



### SAMPLE INFORMATION

Sample Number	<b>VCP440352</b>	VCP416456	VCP364108	VCP348600
Sample Date	<b>05 Apr 2024</b>	04 Aug 2023	09 Sep 2022	25 Jan 2022
Machine Hours	<b>4750</b>	4040	3445	2840
Oil Hours	<b>4000</b>	0	1000	2840
Oil Changed	<b>Changed</b>	N/A	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.1</b>	27.2	27.3	29.4
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	4	4	5
Sodium	ppm	<b>3</b>	2	1	2
Potassium	ppm	<b>0</b>	0	0	0

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>35</b>	32	31	26
Copper	ppm	<b>4</b>	4	4	3
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	1	2	1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>2</b>	2	2	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	2	2	2
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>134</b>	137	133	140
Magnesium	ppm	<b>6</b>	7	8	14
Zinc	ppm	<b>38</b>	34	39	44
Phosphorus	ppm	<b>188</b>	209	201	204
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>75</b>	90	79	97

**Depot:** JAAPHI  
**Unique No:** 10969543  
**Signed:** Wes Davis  
**Report Date:** 11 Apr 2024

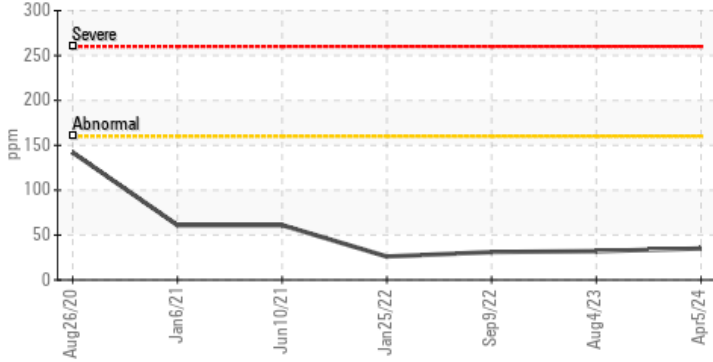


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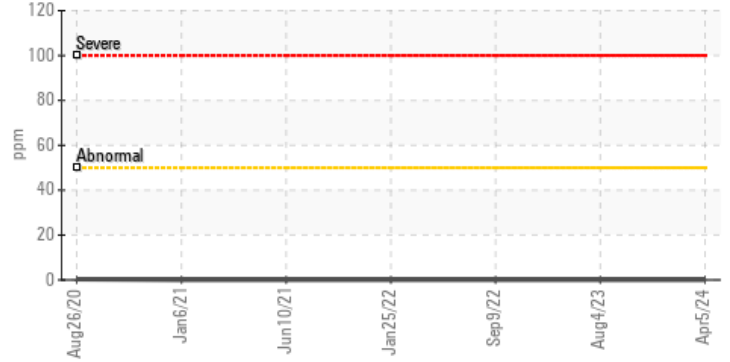


## GRAPHS

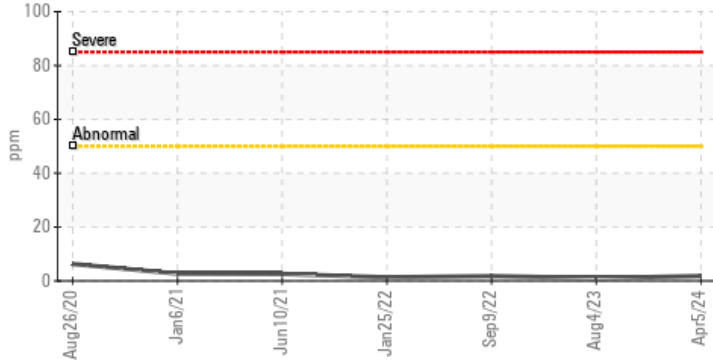
### Iron (ppm)



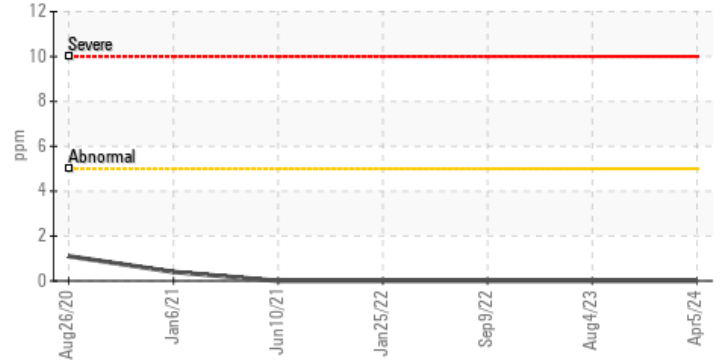
### Lead (ppm)



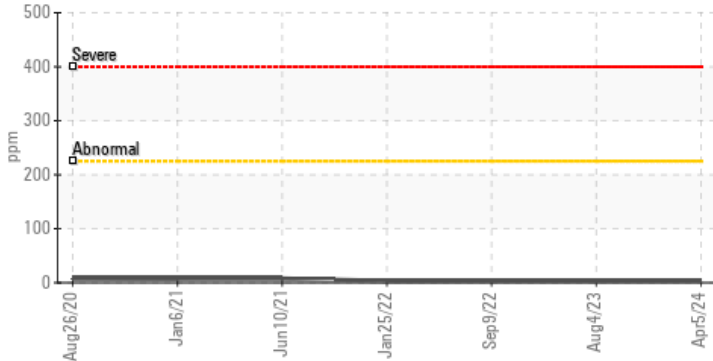
### Aluminum (ppm)



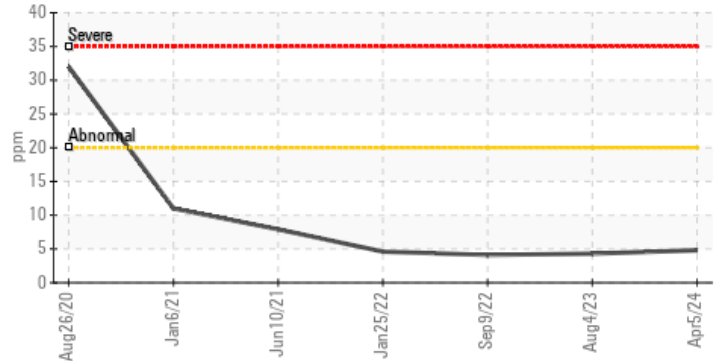
### Chromium (ppm)



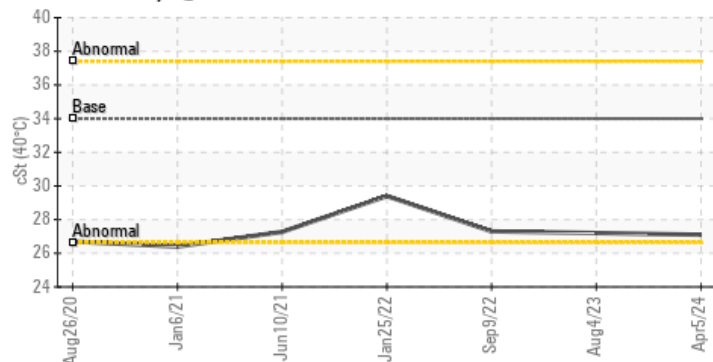
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

