



# CONSTRUCTION EQUIPMENT

D27477 JANESVILLE VOLVO L70H 623025 - TRANSMISSION (AUTO)



**Sample No:** VCP405103  
**Oil Type:** MOBIL AT 102  
**Job No:** D27477 JANESVILLE



## SAMPLE INFORMATION

Sample Number	<b>VCP405103</b>	VCP381236	VCP395275	VCP391300
Sample Date	<b>18 Jul 2023</b>	17 May 2023	15 Mar 2023	14 Dec 2022
Machine Hours	<b>7632</b>	7425	7200	6860
Oil Hours	<b>1000</b>	0	1500	500
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MADISON/DE FOREST  
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DE FOREST, WI  
US 53532-1004  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>27.3</b>	27.4	27.7	28.2
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## CONTAMINATION

Silicon	ppm	<b>3</b>	3	4	4
Sodium	ppm	<b>0</b>	3	3	4
Potassium	ppm	<b>3</b>	2	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>10</b>	8	10	10
Copper	ppm	<b>5</b>	4	4	6
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>3</b>	2	3	4
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>110</b>	87	86	88
Magnesium	ppm	<b>3</b>	4	2	3
Zinc	ppm	<b>27</b>	13	0	8
Phosphorus	ppm	<b>208</b>	213	198	169
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>100</b>	107	88	84

**Depot:** VOLVO0070  
**Unique No:** 10589880  
**Signed:** Wes Davis  
**Report Date:** 08 Aug 2023



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## GRAPHS

