



# CONSTRUCTION EQUIPMENT

SW1022061 YAVAPAI VOLVO L70H 623687 - TRANSMISSION (AUTO)



**Sample No:** VCP417472  
**Oil Type:** ATF  
**Job No:** SW1022061 YAVAPAI



## SAMPLE INFORMATION

Sample Number	<b>VCP417472</b>	VCP400407	VCP353598	VCP303302
Sample Date	<b>28 Jul 2023</b>	22 Feb 2023	16 Sep 2022	27 Oct 2021
Machine Hours	<b>8550</b>	8033	7501	6567
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>27.4</b>	29.5	27.8	29.0
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## CONTAMINATION

Silicon	ppm	<b>6</b>	6	5	4
Sodium	ppm	<b>0</b>	2	4	6
Potassium	ppm	<b>2</b>	2	6	1

## 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	<b>49</b>	47	40	61
Copper	ppm	<b>11</b>	11	9	12
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>4</b>	6	4	4
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	1
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	<1	<1	0
Manganese	ppm	<b>4</b>	3	3	4
Vanadium	ppm	<b>0</b>	0	<1	0



## ADDITIVES

Calcium	ppm	<b>94</b>	96	87	172
Magnesium	ppm	<b>6</b>	6	7	11
Zinc	ppm	<b>52</b>	51	47	65
Phosphorus	ppm	<b>172</b>	177	172	230
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>50</b>	48	47	82

**Depot:** VOLVO6174  
**Unique No:** 10589882  
**Signed:** Don Baldrige  
**Report Date:** 09 Aug 2023



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## GRAPHS

