



# CONSTRUCTION EQUIPMENT

## IMPACT AUTO 370426 VOLVO L90F 71858 - TRANSMISSION (AUTO)



**Sample No:** VCP352626  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 370426



### SAMPLE INFORMATION

Sample Number	<b>VCP352626</b>	VCP297756	VCP263065	VCP22940
Sample Date	<b>27 Jun 2023</b>	09 Sep 2021	23 Jun 2020	28 Mar 2019
Machine Hours	<b>14945</b>	14221	12706	12027
Oil Hours	<b>0</b>	2000	1000	2000
Oil Changed	<b>Not Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**IMPACT AUTO**  
 285125 DUFF DRIVE SE  
 ROCKYVIEW, AB  
 CA T1X 0K1  
 Contact:



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.4</b>	26.7	26.7	26.8
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T:  
F:



### CONTAMINATION

Silicon	ppm	<b>13</b>	4	3	5
Sodium	ppm	<b>3</b>	3	2	4
Potassium	ppm	<b>2</b>	2	2	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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>8</b>	9	11	20
Copper	ppm	<b>1</b>	2	2	3
Lead	ppm	<b>&lt;1</b>	<1	1	2
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>4</b>	2	2	3
Chromium	ppm	<b>0</b>	0	<1	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>120</b>	85	87	90
Magnesium	ppm	<b>3</b>	<1	1	2
Zinc	ppm	<b>31</b>	14	14	22
Phosphorus	ppm	<b>203</b>	172	164	166
Barium	ppm	<b>0</b>	0	<1	<1
Boron	ppm	<b>78</b>	69	67	70

**Depot:** IMPROC  
**Unique No:** 5604385  
**Signed:** Wes Davis  
**Report Date:** 29 Jun 2023



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## GRAPHS

