## **CONSTRUCTION EQUIPMENT** VOLVO L 1 50H 6987 - TRANSMISSION SW32843 BATEMAN BROS

Sample No: VCP363171

**OIL CONDITION** 

cSt

VOLVO

**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102

SW32843 BATEMAN BROS

Job No:

Sample Number Sample Date

Machine Hours

Oil Hours

Oil Changed

Sample Status

Visc @ 40°C

## SAMPLE INFORMATION VCP363171 11 Apr 2024 4030 2000 Changed NORMAL 27.8

VOLVO				
CONTA	MINATION			
Water	%	NEG	 	
Silicon	ppm	5	 	
Sodium	ppm	□<1	 	
Potassium	ppm	2	 	

WEAR METALS      Iron    ppm    22         Copper    ppm    4         Lead    ppm    1         Tin    ppm    1         Aluminum    ppm    1         Chromium    ppm    2         Molybdenum    ppm    1         Nickel    ppm    1         Silver    ppm    <1         Manganese    ppm    2					
Iron  ppm  22       Copper  ppm  4       Lead  ppm  1       Tin  ppm  1       Aluminum  ppm  1       Chromium  ppm  1       Molybdenum  ppm  2       Nickel  ppm  1       Silver  ppm  <1       Manganese  ppm  2	WEAR N	METALS			
Copper    ppm    4         Lead    ppm    1         Tin    ppm    1         Aluminum    ppm    1         Aluminum    ppm    1         Chromium    ppm    2         Molybdenum    ppm    2         Nickel    ppm    1         Silver    ppm    2         Silver    ppm    2		111723			
Lead    ppm    1         Tin    ppm    1          Aluminum    ppm    1          Aluminum    ppm    1          Chromium    ppm    <1	Iron	ppm	22	 	
Tin    ppm    1        Aluminum    ppm    1         Aluminum    ppm    1         Chromium    ppm    <1	Copper	ppm	<b>4</b>	 	
Aluminumppm1Chromiumppm2Molybdenumppm2Nickelppm1Titaniumppm<1Silverppm2Manganeseppm<1	Lead	ppm	<b>1</b>	 	
Chromium    ppm    I         Molybdenum    ppm    2          Nickel    ppm    1          Titanium    ppm    <1	Tin	ppm	<b>1</b>	 	
Molybdenum    ppm    2        Nickel    ppm    1         Titanium    ppm    <1	Aluminum	ppm	<b>1</b>	 	
Nickel    ppm    1         Titanium    ppm    <1	Chromium	ppm		 	
Titanium    ppm    <1        Silver    ppm    <1         Manganese    ppm    2	Molybdenum	ppm	2	 	
Silver    ppm    <1         Manganese    ppm    2	Nickel	ppm	<b>1</b>	 	
Manganese ppm <b>2</b>	Titanium	ppm	<1	 	
	Silver	ppm		 	
Vanadium ppm <1	Manganese	ppm	2	 	
vanadium ppin	Vanadium	ppm	<1	 	

**ARNOLD MACHINERY COMPANY** 

3330 NORTH YELLOWSTONE HIGHWAY IDAHO FALLS, ID US 83401 Contact: JASON MERRILL jmerrill@arnoldmachinery.com T: (208)523-0822 F: (208)523-9918

## 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.

/ana	dium	

ADDITI	IVES			
Calcium	ppm	89	 	
Magnesium	ppm	3	 	
Zinc	ppm	23	 	
Phosphorus	ppm	232	 	
Barium	ppm	<b>1</b>	 	
Boron	ppm	<b>102</b>	 	

Depot: VOLVO0077 Unique No: 10982505 Signed: Wes Davis Report Date: 18 Apr 2024 Contact/Location: JASON MERRILL - VOLVO0077

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

