

## **CONSTRUCTION EQUIPMENT** VOLVO A45G 353279 - TRANSMISSION (AUTO)



Sample No: VCP455333

**Oil Type:** 

VOLVO AUTOMATIC TRANSMISSION FLUID AT102

Job No:

Sample Number         VCP455333         VCP419570             Sample Date         21 Mar 2024         21 Nov 2023             Sample Date         3329         2605             Dil Hours         0         0             Dil Changed         Not Changed         Changed             Dil Conged         Not Changed         Changed             OLI CONDITION               Visc @ 40°C         cSt         27.4         30.1             Visc @ 40°C         cSt         27.4         30.1             Vater         %         NEG         NEG             Voites                Sodium         ppm         5         7              Voites                 Sodium         ppm         5         0 <th></th> <th>E INFORMATION</th> <th></th> <th></th> <th> </th> <th></th>		E INFORMATION			 	
Sample Date       21 Mar 2024       21 Nov 2023           Machine Hours       3329       2605           Oil Hours       0       0           Oil Changed       Not Changd       Changed           Sample Status       NORMAL       NORMAL           Vor Contamination       NORMAL            Vor Contamination       NORMAL            Vor Contamination       Participation            Vor Contamination       Participation            Vor Contamination       Participation       10.1           Vor Contamination       Participation            Vor Contamination       Participation       10           Vor Contamination       Participation            Vor Contamination       Participation            Sodium       Participation       18       17				VCP419570	 	
Machine Hours       3329       2605           Oil Hours       0       0           Oil Changed       Not Changd       Changed           Sample Status       NORMAL       NORMAL           Visc @ 40°C       cSt       27.4       30.1           Soliton       ppm       18       17            Soldum       ppm       5       7            Potassium       ppm       41       0            Ropper       ppm       38						
Oil Hours       O           Oil Changed       Not Changed           Sample Status       NORMAL       NORMAL           Somple Status       NORMAL       NORMAL           Somple Status       011 CONDITION            Visc @ 40°C       cSt       27.4       30.1           Water       %       NEG       NEG           Sodium       ppm       5       7           Sodium       ppm       6       2           Copper       ppm       35       30           Lead       ppm       6       44           Molybdenum       ppm       <1						
Not Changed         Not Changed         Changed             Sample Status         NORMAL         NORMAL             Visc @ 40°C         CSt         27.4         30.1             Water         %         NEG         NEG             Sodium         ppm         18         17             Sodium         ppm         55         7             Verassium         ppm         66         22             Copper         ppm         35         30             Lead         ppm         6         44             Aluminum         ppm         41         0             Nickel         ppm         41						
Sample Status         NORMAL         NORMAL             Visc @ 40°C         cSt         27.4         30.1             Water         %         NEG         NEG             Soliton         ppm         18         17             Soldium         ppm         6         2             Verasium         ppm         6         2             Copper         ppm         35         30             Caluminum         ppm         6         4             Aluminum         ppm         41         0             Soldenum         ppm         41         2						
Visc @ 40°C         cSt         27.4         30.1             Visc @ 40°C         cSt         27.4         30.1             CONTAMINATION               Vater         %         NEG         NEG             Solium         ppm         18         17             Solium         ppm         5         7             Votice         Verse              Votice         ppm         5         7             Votice         ppm         5         7             Votice         ppm         5         7             Votice         ppm         5         30             Icad         ppm         <1	-		_	-	 	
OIL CONDITION           Vise @ 40°C         cSt         27.4         30.1             CONTAMINATION                Water         %         NEG         NEG             Solicon         ppm         18         17             Solicon         ppm         5         7             Solicon         ppm         5         7             Solicon         ppm         6         2             WEAR METALS               You         Ppm         72         56             Copper         ppm         35         30             Lead         ppm         <1         0             Chromium         ppm         <1         0             Silver         ppm         <1         2             Nickel         ppm         <						
Visc @ 40°C       cSt       27.4       30.1           CONTAMINATION             Water       %       NEG       NEG           Sodium       ppm       18       17           Sodium       ppm       5       7           Potassium       ppm       6       2           Verse              Verse              Verse              Verse              Verse              Verse              Verse              Verse              Auminum       ppm       <1	VOLVO					
CONTAMINATION           Water         %         NEG         NEG            Solicon         ppm         18         17             Solium         ppm         5         7             Potassium         ppm         6         2             WEAR METALS         Vertaal              Voron         ppm         72         56             Copper         ppm         35         30             Lead         ppm         6         44             Aluminum         ppm         38         29             Molybdenum         ppm         41         0             Nickel         ppm         41         22             Silver         ppm         0         0             Silver         ppm         41         21             Audition         ppm         41				<u></u>		
CONTAMINATION           Water         %         NEG         NEG             Silicon         ppm         18         177             Sodium         ppm         5         7             Potassium         ppm         6         2             Veranter ALS         Veranter ALS         Veranter ALS         Veranter ALS            Iron         ppm         72         56             Copper         ppm         35         300             Lead         ppm         6         4             Aluminum         ppm         38         29             Molybdenum         ppm         <1	Visc @ 40°C	cSt	27.4	30.1	 	
CONTAMINATION           Water         %         NEG         NEG             Silicon         ppm         18         177             Sodium         ppm         5         7             Potassium         ppm         6         2             Veranter ALS         Veranter ALS         Veranter ALS         Veranter ALS            Iron         ppm         72         56             Copper         ppm         35         30             Lead         ppm         6         4             Aluminum         ppm         38         29             Molybdenum         ppm         <1						
Water         %         NEG         NEG             Silicon         ppm         18         177             Sodium         ppm         5         77             Potassium         ppm         6         2             Veranter Als         Veranter Als         Veranter Als         Veranter Als         Veranter Als           Iron         ppm         72         56             Copper         ppm         35         30             Lead         ppm         6         4             Aluminum         ppm         6         44             Aluminum         ppm         1         <1	CONTAL	MINATION				
Solicon       ppm       18       17           Sodium       ppm       5       7           Potassium       ppm       6       2           WEAR METALS             Iron       ppm       72       56           Copper       ppm       35       30           Lead       ppm       <1			NEG	NEG	 	
Sodium       ppm       5       7           Potassium       ppm       6       2           WEAR METALS						
Potassium         ppm         6         2             WEAR METALS         WEAR METALS               Copper         ppm         72         56             Copper         ppm         35         30             Lead         ppm         <1         0             Aluminum         ppm         <1         0             Aluminum         ppm         <1         <1             Molybdenum         ppm         <1         0             Molybdenum         ppm         <1         <1             Silver         ppm         0         0						
WEAR METALS           Irron         ppm         72         56             Copper         ppm         35         30             Lead         ppm         <1						
WEAR METALS           Iron         ppm         72         56             Copper         ppm         35         30             Lead         ppm         <1	rotassium	ρριιι	0			
Iron       ppm       72       56           Copper       ppm       35       30           Lead       ppm       <1	VOLVO				 	
Copper       ppm       35       30           Lead       ppm       <1	🤍 WEAR I	METALS				
Lead       ppm       <1	Iron	ppm	72	56	 	
Tin       ppm       6       4           Aluminum       ppm       38       29           Chromium       ppm       <1	Copper	ppm	35	30	 	
Aluminum       ppm       38       29           Chromium       ppm       <1	Lead	ppm	<b>  </b> <1	0	 	
Chromium       ppm       <1	Tin	ppm	6	4	 	
Molybdenum         ppm         <1         0             Nickel         ppm         4         2             Titanium         ppm         <1	Aluminum	ppm	38	29	 	
Nickel         ppm         4         2             Titanium         ppm         <1	Chromium	ppm	<b>□</b> <1	<1	 	
Titanium       ppm       <1	Molybdenum	ppm	<b>  </b> <1	0	 	
Silver       ppm       0           Manganese       ppm       6       6           Vanadium       ppm       <1	Nickel	ppm	<b>4</b>	2	 	
Manganese         ppm         6         6             Vanadium         ppm         <1         <1             ADDITIVES         Calcium         ppm         84         62             Magnesium         ppm         1         00             Zinc         ppm         9         0	Titanium	ppm	<1	<1	 	
Vanadium         ppm         <1             ADDITIVES               Calcium         ppm         84         62             Magnesium         ppm         1         0             Zinc         ppm         9         0	Silver	ppm	0	0	 	
ADDITIVES         Second state         Second state <td>Manganese</td> <td>ppm</td> <td>6</td> <td>6</td> <td> </td> <td></td>	Manganese	ppm	6	6	 	
ADDITIVES           Calcium         ppm         84         62             Magnesium         ppm         1         0             Zinc         ppm         9         0	Vanadium	ppm	<1	<1	 	
ADDITIVES           Calcium         ppm         84         62             Magnesium         ppm         1         0             Zinc         ppm         9         0						
Calcium         ppm         84         62             Magnesium         ppm         1         0             Zinc         ppm         9         0		VES			 	
Magnesium         ppm         1         0             Zinc         ppm         9         0		-	84	□62	 	
Zinc ppm <b>9</b> 0						
	-					
Phosphorus ppm <b>220</b> 174	Phosphorus		220	174		

0

69



## **EQUIPMENT COMPANY**

DR MARTIN LUTHER KING BLVD MYERS, FL 3905 act: TODD LARK @altaequipfl.com 9)481-3302

## gnosis

ample at the next service interval nonitor.All component wear rates normal. There is no indication of contamination in the fluid. The lition of the fluid is acceptable he time in service.

Depot:	VOLVO0090		
Unique No:	10942435		
Signed:	Jonathan Hester		
Report Date:	28 Mar 2024		

2 🔲

78

ppm

ppm

Barium

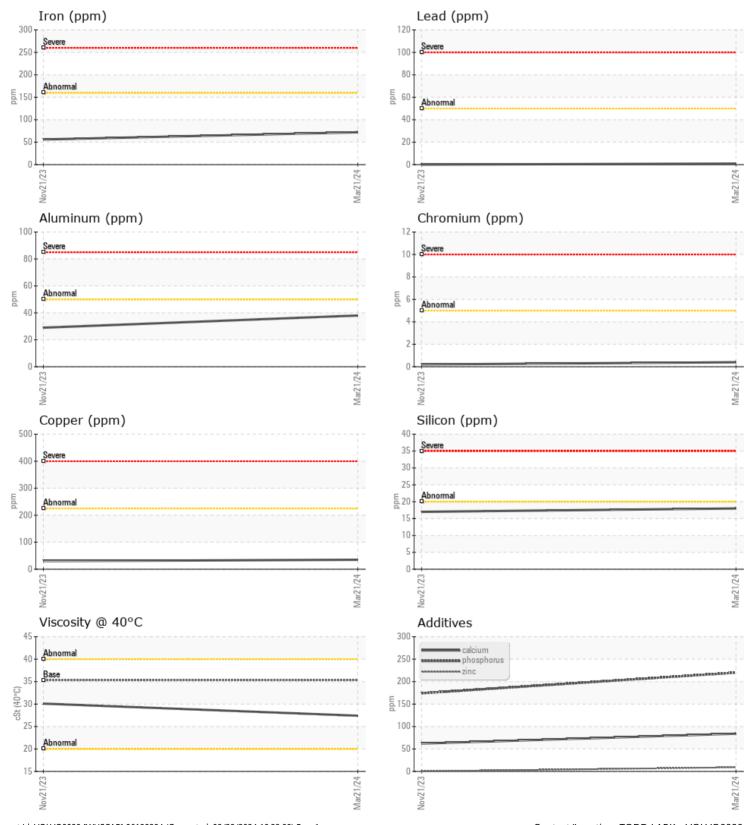
Boron

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06128284 (Generated: 03/28/2024 10:23:08) Rev: 1

Contact/Location: TODD LARK - VOLVO0090