

Sample No: VCP455296

Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102

Job No: SWA534952

Sample Number	SAMPLE IN				
Sample Number VCP455296		IFORMATION			
Sample Date		II OMMATION	VCD4FF30C	_	
Machine Hours 984 Oil Hours 0 Sample Status NORMAL VOLVO CST 32.8 CONTAMINATION Water % NEG Silicon ppm 13 Sodium ppm 4 Potassium ppm 2 Copper ppm 16 Lead ppm 0 Aluminum ppm 22 Titanium ppm 0 Nickel ppm 0 Silver ppm 0 <	•				
Oil Hours 0 Oil Changed Changed Sample Status NORMAL VOIVO OIL CONDITION Visc @ 40°C CSt 32.8 CONTAMINATION Water % NEG Sodium ppm 13 Sodium ppm 2 VEAR METALS Iron ppm 29 VEAR METALS Iron ppm 0 Copper ppm 0 Lead ppm 0	•				
Oil Changed Changed Sample Status NORMAL Oil CONDITION Visc @ 40°C cSt 32.8 CONTAMINATION Water % NEG Silicon ppm 13 Sodium ppm 4 VEAR METALS Iron ppm 29 Copper ppm 0 WEAR METALS Iron ppm 29 Copper ppm 0 Lead ppm 0 Aluminum ppm 0					
Sample Status					
OIL CONDITION Visc @ 40°C CSt 32.8 <th< td=""><td></td><td></td><td></td><td></td><td> </td></th<>					
OIL CONDITION CONTAMINATION Water % NEG <	Sample Status		NORMAL		
OIL CONDITION CONTAMINATION Water % NEG <	VOLVO				
Visc @ 40°C	OIL CONDI	TION			
CONTAMINATION Water % NEG Silicon ppm 13			□32.8		
CONTAMINATION Water % NEG	risc @ 40 C	CSt	32. 0		
Water % NEG <td>VOLVO</td> <td></td> <td></td> <td></td> <td></td>	VOLVO				
Silicon ppm 13 <	CONTAMIN	ATION			
Sodium	Water	%	NEG		
Sodium	Silicon	ppm	1 3		
WEAR METALS Iron ppm 29 -	Sodium	• •			
WEAR METALS Iron ppm 29 Copper ppm 16 Lead ppm 0 Tin ppm 3 Aluminum ppm 22 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	otassium				
WEAR METALS Iron ppm 29 Copper ppm 16 Lead ppm 0 Tin ppm 3 Aluminum ppm 22 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0		le le			
Iron ppm 29 <td>VOLVO</td> <td></td> <td></td> <td></td> <td></td>	VOLVO				
Copper ppm 16 Lead ppm 0 Tin ppm 3 Aluminum ppm 22 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	WEAR ME	IALS			
Lead ppm 0 Tin ppm 3 Aluminum ppm 22 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	ron	ppm	■ 29		
Tin ppm 3 Aluminum ppm 22 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	Copper	ppm	16		
Aluminum ppm 22 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	_ead	ppm	0		
Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	īin	ppm	■ 3		
Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0	Muminum	ppm	22		
Nickel ppm 0 Titanium ppm 0 Silver ppm 0	Alullillulli				
Nickel ppm 0 Titanium ppm 0 Silver ppm 0		ppm	■ 0		
Titanium ppm 0 Silver ppm □ 0	Chromium				
Silver ppm □0	Chromium Molybdenum	ppm	■ 0		
	Chromium Molybdenum Nickel	ppm ppm	□ 0 □ 0		
	Chromium Molybdenum Nickel Fitanium	ppm ppm	□ 0 □ 0 0		
	Chromium Molybdenum Nickel Fitanium Silver	ppm ppm ppm	0 0 0		
	Chromium Molybdenum Nickel Fitanium Silver Manganese	ppm ppm ppm ppm	0 0 0 0		
VOLVO	Chromium Molybdenum Nickel Fitanium Silver Manganese	ppm ppm ppm	0 0 0 0		
AUDITIVE?	Chromium Molybdenum Nickel Fitanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm	0 0 0 0		
Calcium ppm 83	Chromium Molybdenum Nickel Fitanium Silver Manganese Manadium	ppm ppm ppm ppm ppm ppm	0 0 0 0		
Magnesium ppm 🔲 0	Chromium Molybdenum Nickel Fitanium Silver Manganese Vanadium ADDITIVES	ppm ppm ppm ppm ppm ppm	0 0 0 0 10 14		
Zinc ppm 4	Chromium Molybdenum Nickel Fitanium Silver Manganese /anadium ADDITIVES	ppm ppm ppm ppm ppm ppm	0 0 0 0 0 4 0		
Phosphorus ppm 208	Chromium Molybdenum Nickel Fitanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium	ppm ppm ppm ppm ppm ppm ppm	0 0 0 0 14 0		
Barium ppm 1	Chromium Molybdenum Nickel Fitanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	0 0 0 0 14 0		
Boron ppm 80	Chromium Molybdenum Nickel Fitanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium Zinc Phosphorus	ppm	0 0 0 0 14 0		



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com

T:

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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.

Depot:VOLVO0090Unique No:10993567Signed:Jonathan HesterReport Date:25 Apr 2024

Contact/Location: TODD LARK - VOLVO0090



CONSTRUCTION EQUIPMENT





GRAPHS

