CONSTRUCTION EQUIPMENT 8000365290 VOLVO L45HS 4222197 - TRANSMISSION (AUTO

 Sample No:
 VCP353388

 Oil Type:
 VOLVO AT 102

 Job No:
 8000365290

VOIN

## SAMPLE INFORMATION

Sample Number	-	VCP353388	VCP334379	 
Sample Date		17 Aug 2023	29 May 2023	 
Machine Hours		1901	1302	 
Oil Hours		0	0	 
Oil Changed		Changed	Not Changd	 
Sample Status		SEVERE	NORMAL	 
OIL CON	DITION			
Visc @ 40°C	cSt	<b>▲</b> 12.1	28.5	 
CONTAN	MINATION			
Silicon	ppm	6	7	 
Sodium	ppm	2	2	 
Potassium	ppm	3	4	 
		—		
WEAR N	METALS			 
Iron	ppm	<b>4</b> 3	35	 
Copper	ppm	2	<b></b> <1	 
Lead	ppm	0	0	 
Tin	ppm	0	0	 
Aluminum	ppm	■<1	<b></b> < 1	 
Chromium	ppm		0	 
Molybdenum	ppm	0	0	 
Nickel	ppm	0	0	 
Titanium	ppm	<1	<1	 
Silver	ppm	0	0	 
Manganese	ppm	■<1	□ <1	 
Vanadium	ppm	0	0	 
ADDITIV	/ES		_	
Calcium	ppm	73	93	 
Magnesium	ppm	3	2	 
Zinc	ppm	35	14	 
Phosphorus	ppm	<b>164</b>	229	 

< 1

76



STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL RED DEER COUNTY, AB CA T4S 2L4 Contact: Perry Doyle pdoyle@strongco.com T: (403)346-3473 F: (403)346-3487

## Diagnosis

We advise that you check all areas where contaminants can enter the system. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the fluid. Tests confirm the presence of fuel or other volitiles in the fluid. Viscosity of sample indicates oil is within ISO 10 range, advise investigate. The fluid is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO9652

 Unique No:
 5631594

 Signed:
 Kevin Marson

 Report Date:
 29 Aug 2023

■ <1

44

ppm

ppm

Barium

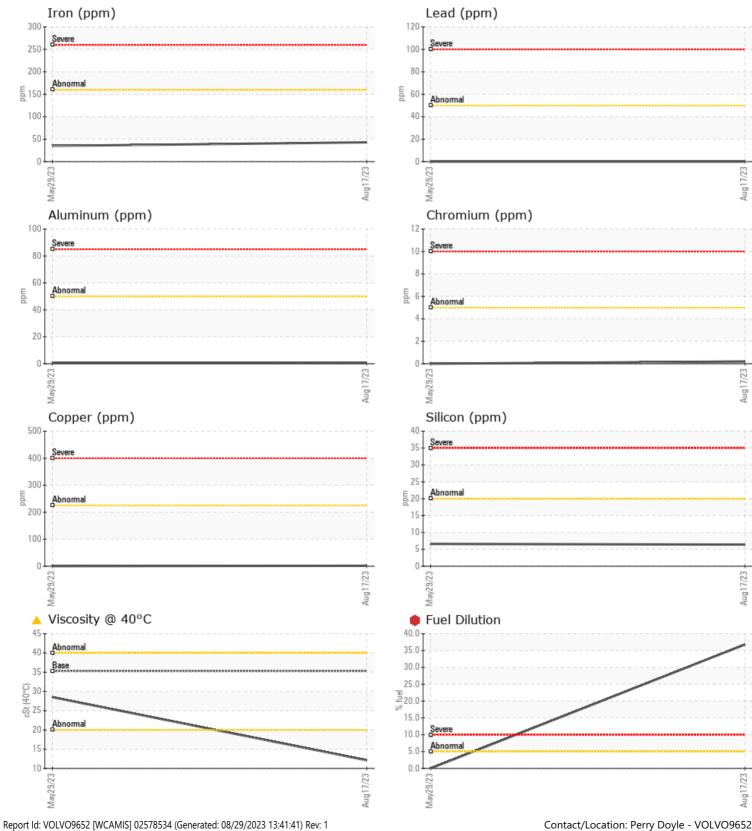
Boron

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: Perry Doyle - VOLVO9652