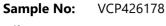
CONSTRUCTION EQUIPMENT 375637 VOLVO EC300 310153 - REAR LEFT FINAL DRIVE



TOTATO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	375637

## SAMPLE INFORMATION

Sample Number	_	VCP426178	VCP376624	 
Sample Date		04 Oct 2023	01 Aug 2022	 
Machine Hours		5303	3343	 
Oil Hours		3003	1500	 
Oil Changed		Changed	Not Changd	 
Sample Status		SEVERE	ABNORMAL	 
OIL COND	ITION			
Visc @ 40°C	cSt	287	253	 
CONTAM	INATION			
Silicon	ppm	<b>A</b> 134	28	 
Sodium	ppm	8	2	 
Potassium	ppm	8	3	 
VOLVO				
WEAR M	ETALS			
Iron	ppm	<b>0</b> 2170	<b>4</b> 968	 
Copper	ppm	5	2	 
Lead	ppm	■ <1	0	 
Tin	ppm	0	1	 
Aluminum	ppm	7	4	 
Chromium	ppm	937	<b>1</b> 6	 
Molybdenum	ppm	7	3	 
Nickel	ppm	2	2	 
Titanium	ppm	1	<1	 
Silver	ppm	0	<1	 
Manganese	ppm	22	10	 
Vanadium	ppm	<1	0	 

Calcium	ppm	<b>107</b>	52	 	
Magnesium	ppm	<b>12</b>	<b></b> <1	 	
Zinc	ppm	76	47	 	
Phosphorus	ppm	<b>1144</b>	750	 	
Barium	ppm	<b>10</b>	<1	 	
Boron	ppm	<b>111</b>	70	 	



## ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

## Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

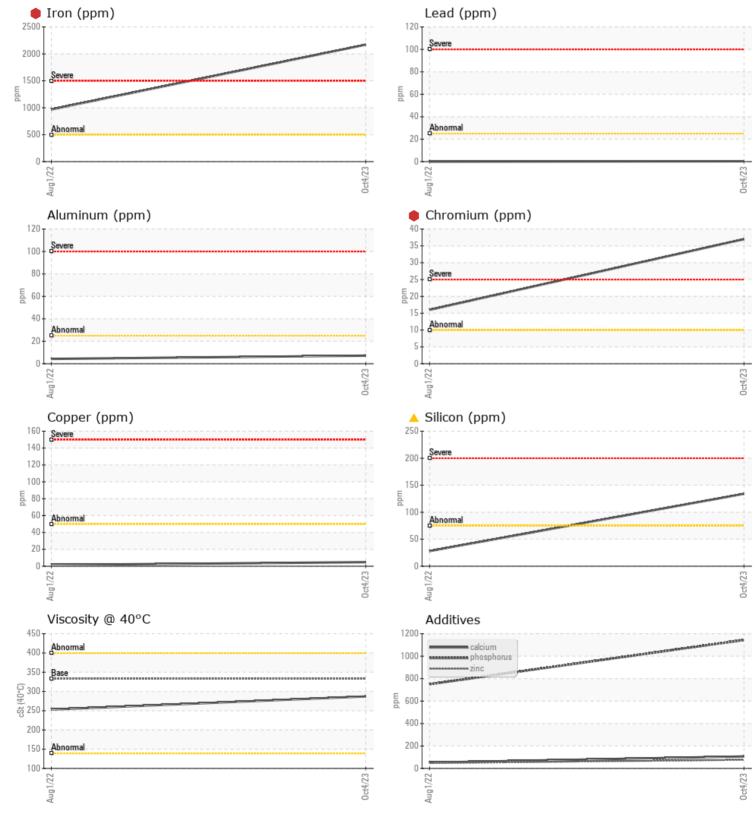
Depot:	VOLVO0093
Unique No:	10709587
Signed:	Sean Felton
Report Date:	25 Oct 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05986925 (Generated: 10/25/2023 12:33:42) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093