CONSTRUCTION EQUIPMENT 375637 VOLVO EC300 310153 - REAR RIGHT FINAL DRIVE

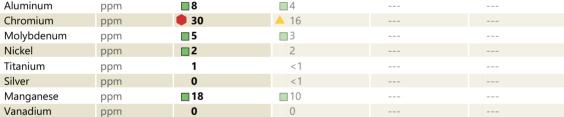
Sample No: VCP426183

VOLVO

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

## SAMPLE INFORMATION

Sample Number	-	VCP426183	VCP376625	 
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				
			<u> </u>	
Visc @ 40°C	cSt	288	255	 
CONTAMI	ΝΔΤΙΩΝ			
	-			
Silicon	ppm	<b>143</b>	28	 
Sodium	ppm	0	2	 
Potassium	ppm	6	3	 
WEAR ME	TAIS			
WEAK ME			<u> </u>	
Iron	ppm	<b>e</b> 1835	<b>9</b> 70	 
Copper	ppm	<b>4</b>	2	 
Lead	ppm	<b></b> <1	<b></b> <1	 
Tin	ppm	0	1	 
Aluminum	ppm	8	4	 



**ADDITIVES** Calcium 145 103 ppm Magnesium **9** 2 ppm 65 Zinc ppm 60 Phosphorus 847 749 ppm Barium 10 < 1 ppm Boron ppm 65 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:	10709585
Signed:	Sean Felton
Report Date:	25 Oct 2023

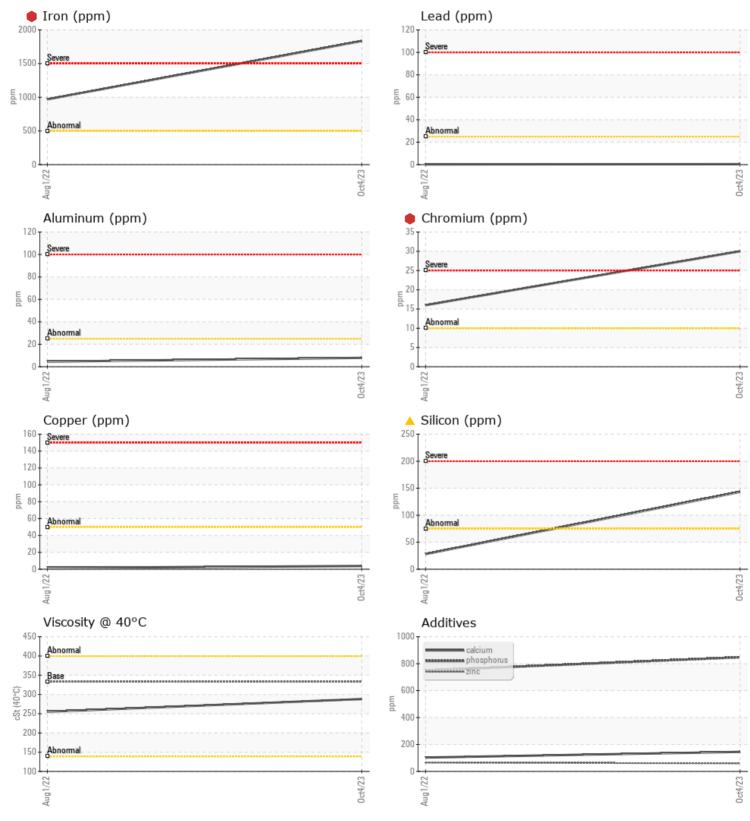
Contact/Location: KENNY HANEY - VOLVO0093

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05986923 (Generated: 10/25/2023 12:33:50) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093