**CONSTRUCTION EQUIPMENT** 9477 VOLVO EC300 311663 - REAR RIGHT FINAL DRIVE

Sample No:	VCP439243			
Oil Type:	{unknown}			
Job No:	9477			

VOLVO

	INFORMATIO			
			<u> </u>	-
Sample Number		VCP439243		 
Sample Date		16 Jan 2024		 
Machine Hours		2452		 
Oil Hours		0		 
Oil Changed		Changed		 
Sample Status		ABNORMAL		 
OIL CON				
Visc @ 40°C	cSt	280		 
VOLVO				
CONTAN	AINATION			
Water	%	NEG		 
Silicon	ppm	▲ 187		 
Sodium		2		 
Potassium	ppm	18		 
Fotassium	ppm	0		 
VOLVO				
VEAR N	NETALS			
Iron	ppm	<b>4</b> 590		 
Copper	ppm	2		 
Lead	ppm	0		 
Tin	ppm	0		 
Aluminum	ppm	▲ 32		 
Chromium	ppm	▲ 10		 
Molybdenum	ppm	5		 
Nickel	ppm	<1		 
Titanium	ppm	2		 
Silver	ppm	0		 
Manganese	ppm	6		 
Vanadium	ppm	0		 
	ppm	v		
VOLVO				 
ADDITIN	/ES			
Calcium	nnm	142		 

	VL-3			
Calcium	ppm	142	 	
Magnesium	ppm	32	 	
Zinc	ppm	40	 	
Phosphorus	ppm	965	 	
Barium	ppm	<1	 	
Boron	ppm	91	 	



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

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Gear wear is indicated. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO0093

 Unique No:
 10842670

 Signed:
 Don Baldridge

 Report Date:
 23 Jan 2024

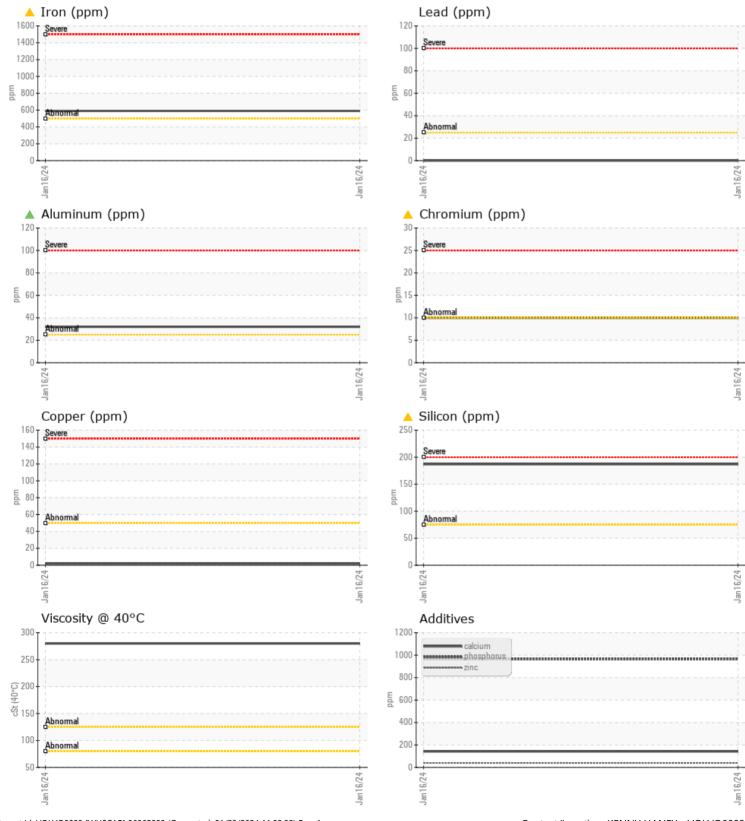
Contact/Location: KENNY HANEY - VOLVO0093

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06065993 (Generated: 01/23/2024 11:02:33) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093