# 

### CONSTRUCTION EQUIPMENT 379603 VOLVO EC380EL 310395 - DIESEL ENGINE



## **Sample No:** VCP380261

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	379603

#### SAMPLE INFORMATION VCP380261 Sample Number Sample Date 11 Oct 2023 Machine Hours 12519 Oil Hours 12519 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.1 Oxidation (PA) % 88 CONTAMINATION

Soot %	%	0	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	1.7	 	
Silicon	ppm	<b>12</b>	 	
Sodium	ppm	2	 	
Potassium	ppm	■<1	 	

# VOLVO

FAR METAL

	METALS			
Iron	ppm	<b>1</b> 6	 	 
Copper	ppm	2	 	
Lead	ppm	□ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	8	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	38	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm		 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	0	 	

VOLVO

ADDITIVES						
Calcium	ppm	1709				
Magnesium	ppm	498				
Zinc	ppm	<b>1060</b>				
Phosphorus	ppm	911				
Barium	ppm	□<1				
Boron	ppm	33				



#### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd. Burlington, ON CA L7L 4Y1 Contact: LLoyd Williams Iwilliams@strongco.com T: F: (905)643-6077

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO0252

 Unique No:
 5658929

 Signed:
 Wes Davis

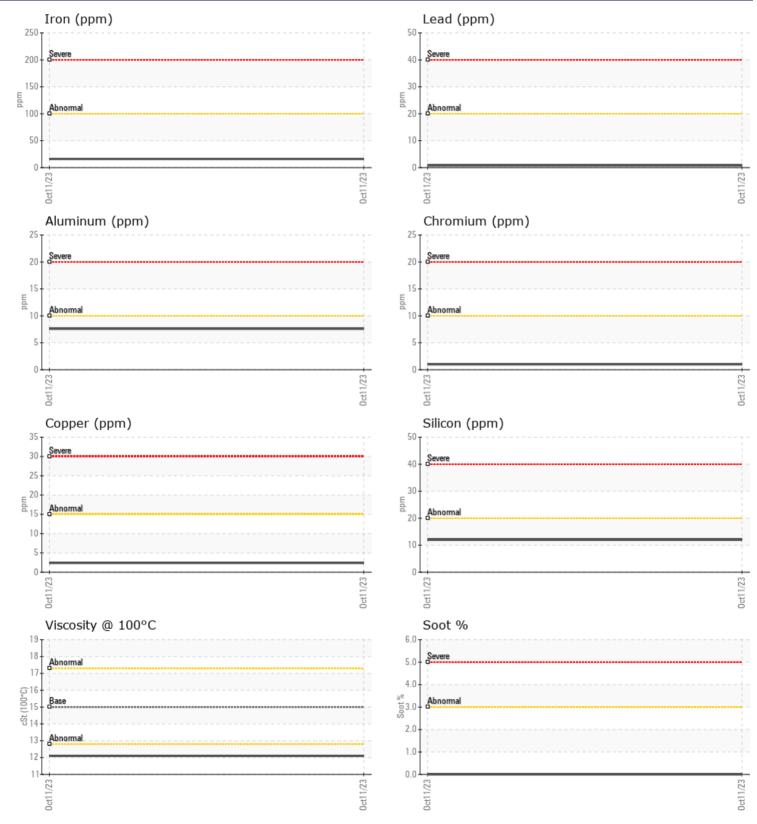
 Report Date:
 19 Oct 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0252 [WCAMIS] 02589863 (Generated: 10/19/2023 10:06:08) Rev: 1

Contact/Location: LLoyd Williams - VOLVO0252