## CONSTRUCTION EQUIPMENT 595216 DRINK WATER PETERSON 5710D 40D-2952749 - DIESEL

Sample No: VCP412623

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 595216 DRINK WATER

## SAMPLE INFORMATION

Sample Number		VCP412623							
Sample Date		24 Aug 2023							
Machine Hours		841							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		MARGINAL							
				-					
Visc @ 100°C	cSt	<b>12.1</b>							
Base Number (BN)	mg KOH/g	9.1							
Oxidation (PA)	%	76							
Soot %	%	0.3							
Nitration (PA)	%	71							
Sulfation (PA)	%	60							
Glycol	%	0.0							
Fuel	%	<b>3.8</b>							
Silicon	ppm	<b>12</b>							
Sodium	ppm	88							
Potassium	ppm	<b>42</b>							

WEAR METALS

Iron	ppm	28	 	
Copper	ppm	<b>15</b>	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	<b>19</b>	 	
Chromium	ppm	3	 	
Molybdenum	ppm	46	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES								
ppm	<b>1719</b>							
ppm	500							
ppm	<b>1117</b>							
ppm	896							
ppm	0							
ppm	26							
	ppm ppm ppm ppm	ppm 500 ppm 1117 ppm 896 ppm 0	ppm         500            ppm         1117            ppm         896            ppm         0	ppm         500             ppm         1117             ppm         896             ppm         0				



#### ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO0096

 Unique No:
 10622186

 Signed:
 Wes Davis

 Report Date:
 01 Sep 2023

Report Id: VOLVO0096 [WUSCAR] 05936915 (Generated: 09/01/2023 10:20:35) Rev: 1

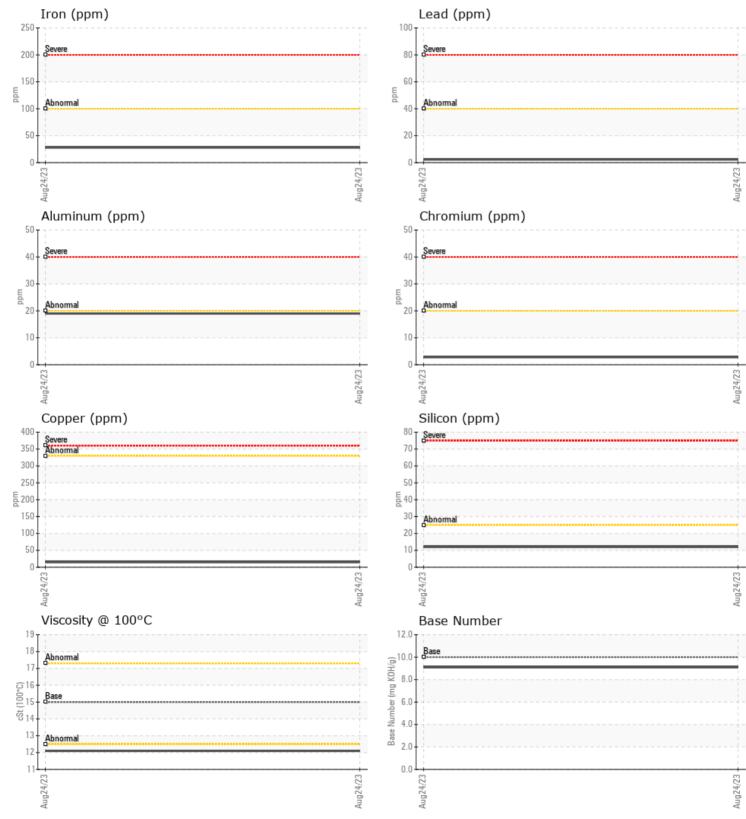
Contact/Location: Robert LaPlante - VOLVO0096

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 05936915 (Generated: 09/01/2023 10:20:37) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096