## CONSTRUCTION EQUIPMENT TRIPLE M 373002 VOLVO EC480E 315055 - DIESEL ENGINE



 Sample No:
 VCP391690

 Oil Type:
 VOLVO ULT

VOLVO

volvo ultra diesel engine oil 15W40 vds-3
373002

Job No:

#### SAMPLE INFORMATION VCP391690 Sample Number Sample Date 21 Jul 2023 Machine Hours 664 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 10.4 Oxidation (PA) % 75 CONTAMINATION % 0 🔲 Soot % % Nitration (PA) 83 Sulfation (PA) % 62

Glycol	%	NEG	 	
Fuel	%	0.9	 	
Silicon	ppm	29	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	<b>4</b>	 	

### 🎾 WEAR METALS

Iron	ppm	<b>15</b>	 	
Copper	ppm	203	 	
Lead	ppm	6	 	
Tin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>■</b> <1	 	
Molybdenum	ppm	84	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

VOLVO

	VES			
Calcium	ppm	2089	 	
Magnesium	ppm	124	 	
Zinc	ppm	1162	 	
Phosphorus	ppm	<b>1048</b>	 	
Barium	ppm	<b></b> <1	 	
Boron	ppm	<b>18</b>	 	



#### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd. Burlington, ON CA L7L 4Y1 Contact: C. Carter ccarter@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 new component breaking in. Fuel content negligible. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

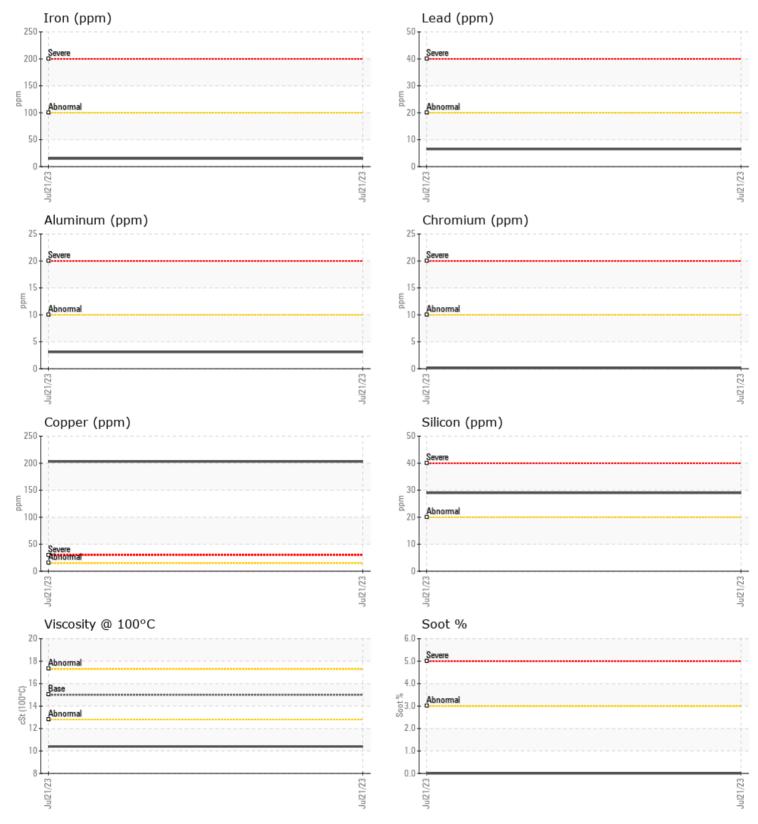
Depot:VOLVO0252Unique No:5619224Signed:Kevin MarsonReport Date:08 Aug 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0252 [WCAMIS] 02574173 (Generated: 08/08/2023 08:46:31) Rev: 1

Contact/Location: C. Carter - VOLVO0252