CONSTRUCTION EQUIPMENT 593839 DC MARINE TAKEUCHI TL8 408001361 - DIESEL ENGINE

Sample No: VCP417680

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 593839 DC MARINE

.

SAMPLE INFORMATION

Sample Number		VCP417680							
Sample Date		08 Aug 2023							
Machine Hours		0							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		ABNORMAL							
Visc @ 100°C	cSt	A 11.4							
Base Number (BN)	mg KOH/g	5.8							
Oxidation (PA)	%	55							
CONTAMINATION									
Soot %	%	0.2							
Nitration (PA)	%	78							
Sulfation (PA)	%	59							
Glycol	%	NEG							
Fuel	%	<u> </u>							
Silicon	ppm	1 4							
Sodium	ppm	4							
Potassium	ppm	3							

WEAR ME

WEAR I	METALS			
Iron	ppm	25	 	
Copper	ppm	149	 	
Lead	ppm	1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	1	 	
Molybdenum	ppm	3	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	<1	 	

Variadid

ADDITIVES								
ppm	2384							
ppm	29							
ppm	1088							
ppm	867							
ppm	■<1							
ppm	14							
	ppm ppm ppm ppm	ppm 29 ppm 1088 ppm 867 ppm 1	ppm 29 ppm 1088 ppm 867 ppm	ppm 29 ppm 1088 ppm 867 ppm -11				



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.All component wear rates are normal. Light fuel dilution occurring. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is suitable for further service.

 Depot:
 VOLVO0096

 Unique No:
 10615940

 Signed:
 Wes Davis

 Report Date:
 24 Aug 2023

Report Id: VOLVO0096 [WUSCAR] 05930669 (Generated: 08/24/2023 10:26:29) Rev: 1

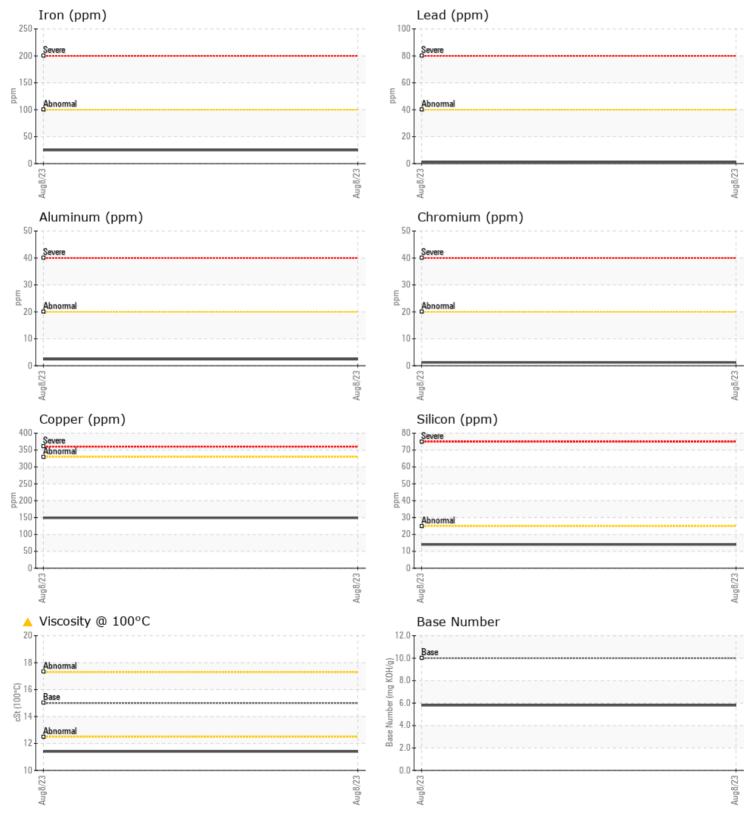
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 05930669 (Generated: 08/24/2023 10:26:32) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096