CONSTRUCTION EQUIPMENT 687399 HERC VOLVO ECR145 314342 - DIESEL ENGINE

 Sample No:
 VCP453910

 Oil Type:
 VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

 Job No:
 687399 HERC

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP453910	 	
Sample Date		09 Mar 2024	 	
Machine Hours		2244	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL COND	DITION			
Visc @ 100°C	cSt	12.8	 	
Base Number (BN) mg KOH/g	7.8	 	
Oxidation (PA)	%	59	 	
CONTAM				
			 -	
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	50	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	10	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	

WFAR METAL

WEAK I	METALS			
Iron	ppm	1 3	 	
Copper	ppm	2	 	
Lead	ppm	3	 	
Tin	ppm	2	 	
Aluminum	ppm	4 16	 	
Chromium	ppm	∎1	 	
Molybdenum	ppm	87	 	
Nickel	ppm	1	 	
Titanium	ppm	<1	 	
Silver	ppm	■ <1	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	1404					
Magnesium	ppm	394					
Zinc	ppm	1185					
Phosphorus	ppm	1020					
Barium	ppm	1					
Boron	ppm	440					



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

No corrective action is recommended at this time. Resample at the next service interval to monitor.The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO0093

 Unique No:
 10940995

 Signed:
 Sean Felton

 Report Date:
 26 Mar 2024

Report Id: VOLVO0093 [WUSCAR] 06126844 (Generated: 03/26/2024 13:53:12) Rev: 1

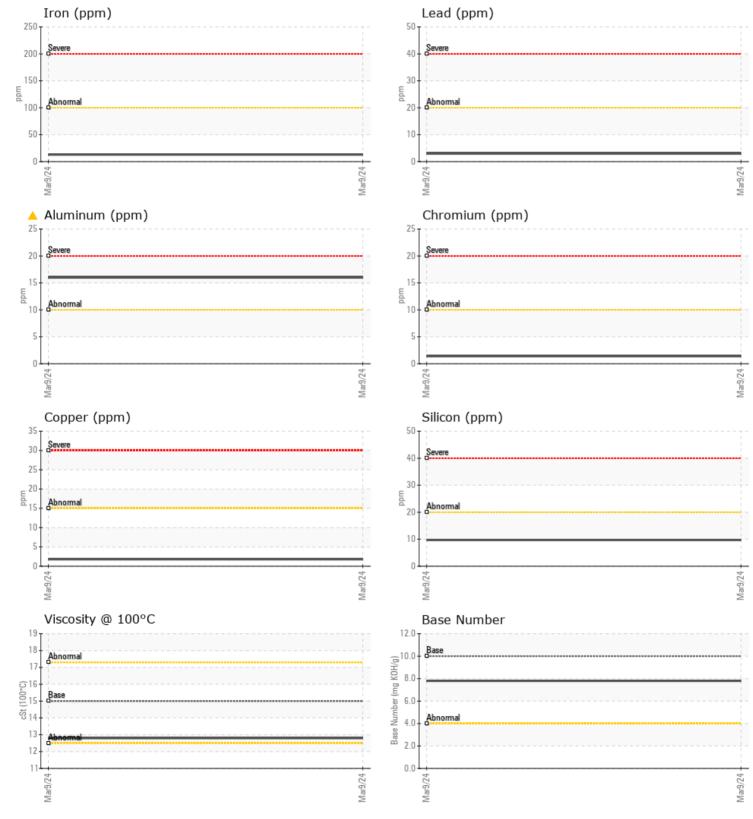
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: KENNY HANEY - VOLVO0093