VOLVO

CONSTRUCTION EQUIPMENT HERC VOLVO ECR145 315945 - DIESEL ENGINE



Sample No:VCP440238Oil Type:DIESEL ENGINE OIL SAE 15W40

HERC

Job No:

VOLVO									
SAMPLE II	NFORMATION								
Sample Number	-	VCP440238							
Sample Date		17 Jun 2024							
Machine Hours		839							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		ATTENTION							
	-			-					
Visc @ 100°C	cSt	11.2							
Base Number (BN)		7.6							
Oxidation (PA)	%	49							
CONTAMINATION									
			-						
Water	%	NEG							
Soot %	%	■0.1							
Nitration (PA)	%	63							
Sulfation (PA)	%	49							
Glycol	%	NEG							
Fuel	%	0.2							
Silicon	ppm	6							
Sodium	ppm	□ <1							
Potassium	ppm	 <1							

OLVO

WEAR METALS							
Iron	ppm	8					
Copper	ppm	2					
Lead	ppm	0					
Tin	ppm	0					
Aluminum	ppm	4					
Chromium	ppm	■ <1					
Molybdenum	ppm	28					
Nickel	ppm	0					
Titanium	ppm	■<1					
Silver	ppm	0					
Manganese	ppm	■<1					
Vanadium	ppm	<1					

ADDITIVES Calcium 1412 ppm Magnesium 681 🔲 ppm Zinc ppm 882 Phosphorus 766 ppm Barium 0 🔲 ppm Boron 96 ppm



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

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0093

 Unique No:
 11090619

 Signed:
 Jonathan Hester

 Report Date:
 27 Jun 2024

Report Id: VOLVO0093 [WUSCAR] 06217755 (Generated: 06/29/2024 20:02:30) Rev: 1

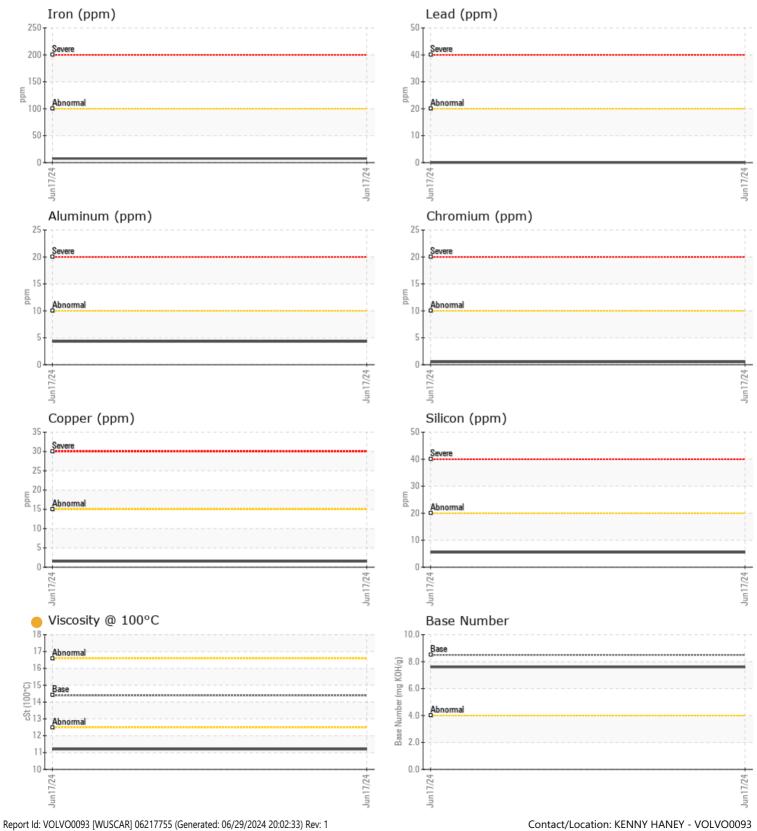
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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