CONSTRUCTION EQUIPMENT 11185-2 ANTHONY MILL VOLVO ECR40D 14105 - DIESEL ENGINE

Sample No: VCP412611

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 11185-2 ANTHONY MILL

VCD412C11

SAMPLE INFORMATION

Sample Number		VCP412611						
Sample Date		26 Sep 2023						
Machine Hours		401						
Oil Hours		401						
Oil Changed		Changed						
Sample Status		NORMAL						
	nuin							
Visc @ 100°C	cSt	12.7						
Base Number (BN)) mg KOH/g	8.1						
Oxidation (PA)	%	46						
CONTAMINATION								
	INATION							
Soot %	%	0.5						
Nitration (PA)	%	63						
Sulfation (PA)	%	47						
Glycol	%	NEG						
Fuel	%	<1.0						
Silicon	ppm	17						
Sodium	ppm	6						
Potassium	ppm	5						

WEAR I	METALS			
Iron	ppm	78	 	
Copper	ppm	1 4	 	
Lead	ppm	1	 	
Tin	ppm	∎1	 	
Aluminum	ppm	13	 	
Chromium	ppm	3	 	
Molybdenum	ppm	54	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	

ADDITIVES								
ppm	1726							
ppm	1006							
ppm	1583							
ppm	1270							
ppm	4							
ppm	0							
	ppm ppm ppm ppm	ppm 1006 ppm 1583 ppm 1270 ppm 4	ppm 1006 ppm 1583 ppm 1270 ppm 2	ppm 1006 ppm 1583 ppm 1270 ppm 14				



Don Baldridge Report Date: 03 Oct 2023

Signed:

Report Id: VOLVO8879 [WUSCAR] 05966111 (Generated: 10/03/2023 13:21:54) Rev: 1

Contact/Location: JIM FEHR - VOLVO8879



HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE LIONVILLE, PA US 19341 Contact: JIM FEHR jim.fehr@hoffmanequip.com T: (610)363-9200 F: (610)594-0829

Diagnosis

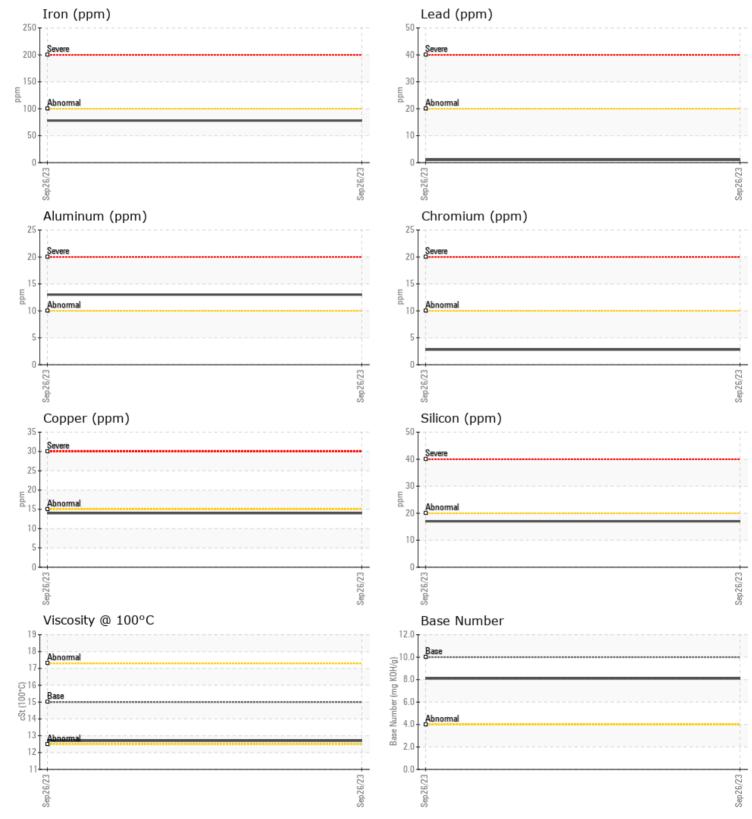
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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