CONSTRUCTION EQUIPMENT 562094 COVANTA VOLVO L220H 3339 - DIESEL ENGINE



 Sample No:
 VCP450707

 Oil Type:
 VOLVO ULT

VOLVO

volvo ultra diesel engine oil 15W40 vds-3

Job No:

562094 COVANTA

SAMPLE II	NFORMATION			
Sample Number	-	VCP450707	 	
Sample Date		21 May 2024	 	
Machine Hours		9447	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.4	 	
Base Number (BN)	mg KOH/g	A 3.4	 	
Oxidation (PA)	%	135	 	
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.5	 	
Nitration (PA)	%	123	 	
Sulfation (PA)	%	84	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 38	 	
Sodium	ppm	7	 	
Potassium	ppm	6	 	
Solvo			 	

ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL JS 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 E: (954)583-0318

Diagnosis

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. Elemental level of silicon (Si) above normal. The BN level is low. The oil is no longer serviceable due to the presence of contaminants.

WEAR N	-		<u>.</u>	
Iron	ppm	59		
Copper	ppm	21		
Lead	ppm	4		
Tin	ppm	3		
Aluminum	ppm	4		
Chromium	ppm	2		
Molybdenum	ppm	64		
Nickel	ppm	2		
Titanium	ppm	<1		
Silver	ppm	0		
Manganese	ppm	2		
Vanadium	ppm	0		

ADDITIVES						
Calcium	ppm	1417				
Magnesium	ppm	478				
Zinc	ppm	1200				
Phosphorus	ppm	910				
Barium	ppm	2				
Boron	ppm	1 6				

 Depot:
 VOLVO0095

 Unique No:
 11057087

 Signed:
 Don Baldridge

 Report Date:
 31 May 2024

Report Id: VOLVO0095 [WUSCAR] 06194964 (Generated: 05/31/2024 13:33:58) Rev: 1

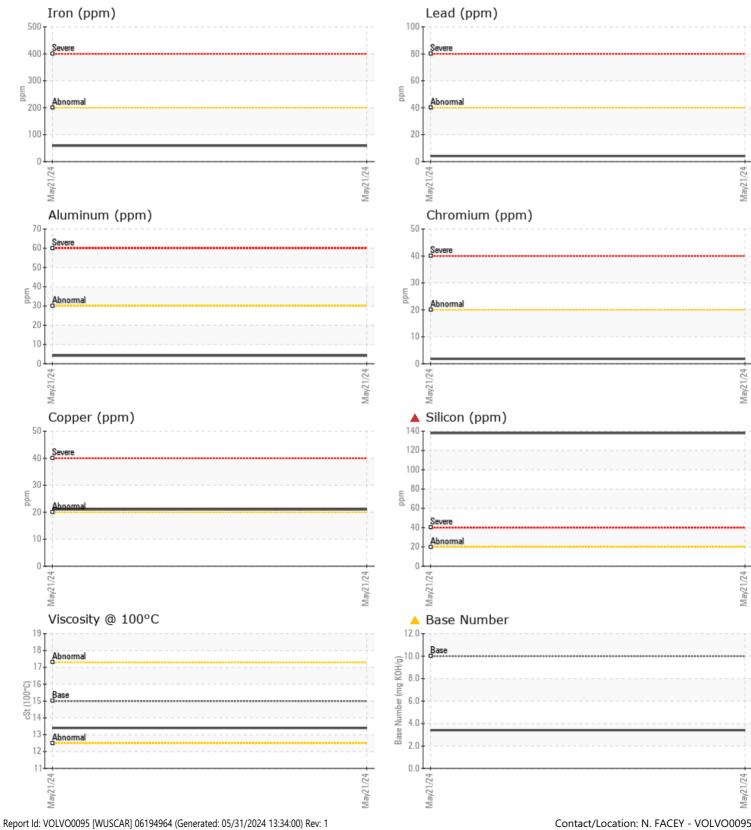
Contact/Location: N. FACEY - VOLVO0095

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: N. FACEY - VOLVO0095