CONSTRUCTION EQUIPMENT 12643 VOLVO ECR88E 216826 - DIESEL ENGINE



Sample No: VCP379654

VOLVO

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

Job No:

SAMPLE INFORMATION

12643

SAMPLE I	NF UKMA I IUN			
Sample Number	-	VCP379654	 	
Sample Date		06 Dec 2023	 	
Machine Hours		474	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL COND				
			 	-
Visc @ 100°C	cSt	14.1	 	
Base Number (BN)	mg KOH/g	6.7	 	
Oxidation (PA)	%	68	 	
CONTAMI				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	5	 	
Potassium	ppm	7	 	

536 - ASCENDUM MACHINERY INC - CHATTANOOGA 7829 LEE HWY CHATTANOOGA, TN US 37421 Contact: WILLIAM WALKER william.walker@ascendummachinery.com T: F: (423)308-7959

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.

VOLVO				
💛 WEAR I	METALS			
Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	■ <1	 	
Tin	ppm		 	
Aluminum	ppm	3	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	3	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm		 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	2141					
Magnesium	ppm	31					
Zinc	ppm	1236					
Phosphorus	ppm	1025					
Barium	ppm	0					
Boron	ppm	133					

 Depot:
 VOLVO0117

 Unique No:
 10809268

 Signed:
 Don Baldridge

 Report Date:
 03 Jan 2024

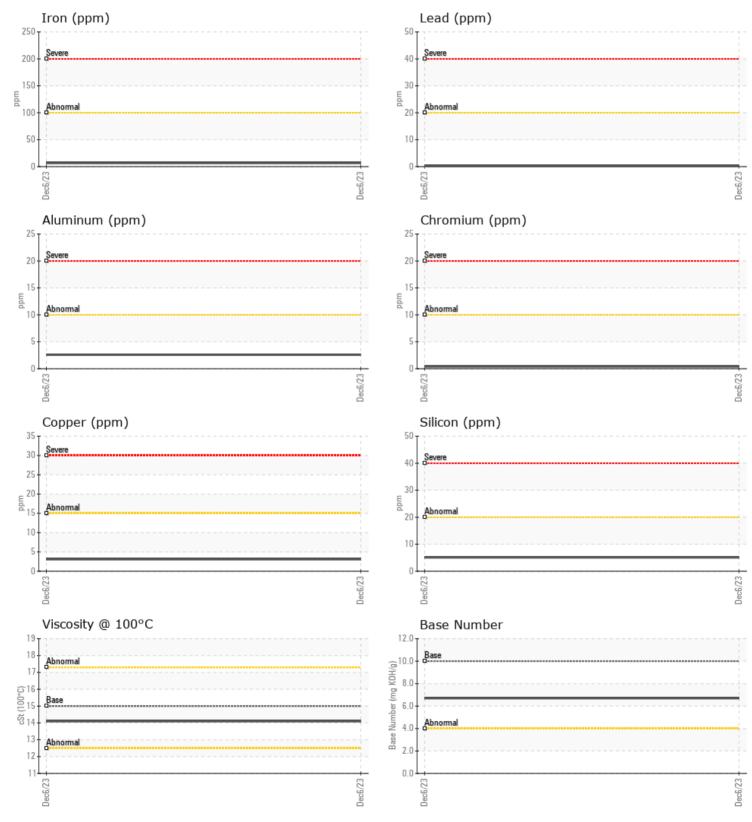
Contact/Location: WILLIAM WALKER - VOLVO0117

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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