

CONSTRUCTION EQUIPMENT 23664 VOLVO EC350 314351 - DIESEL ENGINE



Sample No: VCP404626

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

Job No: 23664

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

SAMPLE INFORMATION	VOLVO				
Sample Date 30 Jun 2023	SAMPLE II	NFORMATION			
Machine Hours	Sample Number	-	VCP404626	 	
Machine Hours	Sample Date		30 Jun 2023	 	
Oil Changed Sample Status NORMAL	="		1914	 	
Sample Status	Oil Hours		1000	 	
OIL CONDITION Visc @ 100°C	Oil Changed		Changed	 	
OIL CONDITION Visc @ 100°C	Sample Status		NORMAL	 	
OIL CONDITION Visc @ 100°C cSt 12.4 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Visc @ 100°C	VOTAO UII LUNDI	TION			
Base Number (BN) mg KOH/g					
CONTAMINATION Soot %				 	
CONTAMINATION				 	
CONTAMINATION Soot %	Oxidation (PA)	%	92	 	
CONTAMINATION	VOLVO				
Soot %	CONTAMI	NATION			
Nitration (PA) %	_		1 01	 	
Sulfation (PA) % 68					
Glycol					
Fuel					
Silicon	-				
Sodium ppm 3					
WEAR METALS Iron ppm 9 Copper ppm 39 Lead ppm 0 Tin ppm 3 Aluminum ppm 0 Chromium ppm 38 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <-1					
WEAR METALS Iron ppm 9					
WEAR METALS Iron ppm 9	Potassium	ррпп	<u> </u>	 	
Iron	VOLVO				
Copper ppm 39 </td <td>WEAR ME</td> <td>TALS</td> <td></td> <td></td> <td></td>	WEAR ME	TALS			
Copper ppm 39 </td <td>Iron</td> <td>ppm</td> <td>■9</td> <td> </td> <td></td>	Iron	ppm	■9	 	
Lead ppm 0 Tin ppm 3 Aluminum ppm <1	Copper			 	
Tin ppm 3 Aluminum ppm <1		• •		 	
Aluminum ppm <1				 	
Chromium ppm 0 <	Aluminum			 	
Molybdenum ppm 38 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Chromium		■0	 	
Nickel ppm 0 <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Titanium ppm 0 Silver ppm 0 Manganese ppm < 1				 	
Silver ppm 0 Manganese ppm 1	Titanium			 	
Manganese ppm	Silver		■ 0	 	
	Manganese			 	
variacium ppm u	Vanadium	ppm	0	 	



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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. 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 suitable for further service.

Depot:VOLVO3387Unique No:10547692Signed:Wes DavisReport Date:11 Jul 2023

1868

■356

1051

788

0

14

ppm

ppm

ppm

ppm

ppm

ppm



CONSTRUCTION EQUIPMENT





