

CONSTRUCTION EQUIPMENT X17818 APAC VOLVO L180H 5501 - DIESEL ENGINE



Sample No: VCP419270

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

Job No: X17818 APAC

Oil Changed Ch					
Sample Number VCP419270	VOLVO	MENDMATION			
Sample Date	_	NFUKMATIUN	<u> </u>		
Machine Hours	Sample Number			 	
Oil Changed Ch	Sample Date		22 Sep 2023	 	
Changed Chan	Machine Hours		5654	 	
Sample Status	Oil Hours		0	 	
OIL CONDITION Visc @ 100°C	Oil Changed		Changed	 	
OIL CONDITION Visc @ 100°C	Sample Status		NORMAL	 	
OIL CONDITION					
Visc @ 100°C	VOLVO	TION			
Base Number (BN) mg KOH/g					
CONTAMINATION Soot % %				 	
CONTAMINATION Soot %			10.3	 	
Contamination Soot %	Oxidation (PA)	%	84	 	
Contamination Soot %					
Scot %	CONTAMU	NATION			
Nitration (PA)	_		=0.2		
Sulfation (PA) % 62					
Glycol					
Fuel % <1.0 Silicon ppm 6				 	
Solicon ppm	-		-	 	
Sodium ppm 2		%		 	
VEAR METALS		ppm	_	 	
WEAR METALS Iron ppm 3	Sodium	ppm		 	
Tron	Potassium	ppm	■<1	 	
Tron					
Copper	WEAR ME	TAIS			
Copper	_	-			
Lead			_	 	
Tin ppm			_	 	
Aluminum ppm 3		ppm		 	
Chromium ppm	Tin	ppm	_	 	
Molybdenum ppm		ppm		 	
Nickel ppm 0 <td></td> <td>ppm</td> <td>■<1</td> <td> </td> <td></td>		ppm	■ <1	 	
Titanium ppm 0 Silver ppm 0 Manganese ppm	Molybdenum	ppm	40	 	
Silver ppm 0 Manganese ppm < 1 Vanadium ppm 0 ADDITIVES Calcium ppm 1701 Magnesium ppm 532	Nickel	ppm	0	 	
Manganese ppm	Titanium	ppm	0	 	
Vanadium ppm 0 ADDITIVES Calcium ppm 1701 Magnesium ppm 532	Silver	ppm	0	 	
ADDITIVES Calcium ppm 1701 Magnesium ppm 532	Manganese	ppm	■<1	 	
ADDITIVES Calcium ppm 1701 Magnesium ppm 532	Vanadium	ppm	0	 	
ADDITIVES Calcium ppm 1701 Magnesium ppm 532					
Calcium ppm 1701 Magnesium ppm 532	ADDITIVE	·			
Magnesium ppm 532	_	7			
	Calcium			 	
Zinc ppm 1148		ppm		 	
	Zinc	ppm	1148	 	



SCOTT EQUIPMENT COMPANY LLC - Jackson

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T:

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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 suitable for further service.

 Depot:
 VOLVO8771

 Unique No:
 10669215

 Signed:
 Wes Davis

 Report Date:
 28 Sep 2023

946

0

37

ppm

ppm

ppm

Phosphorus

Barium

Boron



CONSTRUCTION EQUIPMENT





GRAPHS

