CONSTRUCTION EQUIPMENT X17815 APAC VOLVO L180H 5434 - DIESEL ENGINE



Sample No: VCP419267 **Oil Type:** Job No: X17815 APAC

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3



SAMPLE IN	FORMATION			
Sample Number	-	VCP419267	 	
Sample Date		25 Sep 2023	 	
Machine Hours		4473	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.4	 	
Base Number (BN)	mg KOH/g	10.3	 	
Oxidation (PA)	%	82	 	
	ATION			_
Soot %	%	0.2	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	

% NEG % 1.1 Silicon ppm **4** Sodium ppm 2 Potassium ppm 2

WFAR MFTAI S

Fuel

WEAK ME	LIALS			
Iron	ppm	4	 	
Copper	ppm	■ <1	 	
Lead	ppm	■ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	■41	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	1775				
Magnesium	ppm	533				
Zinc	ppm	1197				
Phosphorus	ppm	956				
Barium	ppm	0				
Boron	ppm	42				



SCOTT EQUIPMENT COMPANY LLC - Jackson 3860 I-55 South JACKSON, MS US 39212 Contact: DWIGHT MCDOUGAL DMCDOUGAL@SCOTTCOMPANIES.COM Τ· F: (601)326-3359

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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.

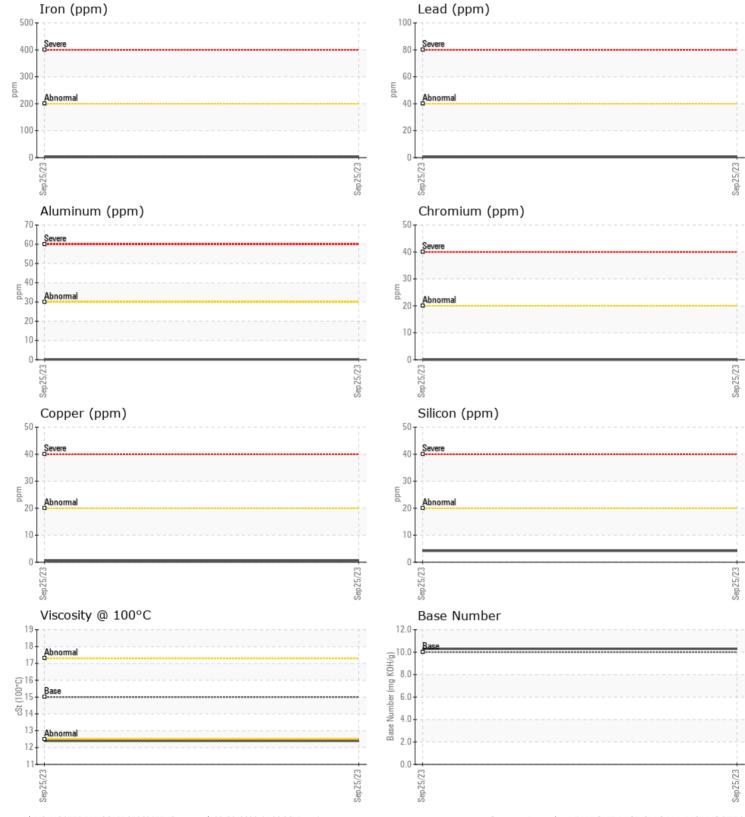
Depot: VOLVO8771 Unique No: 10669728 Signed: Wes Davis Report Date: 29 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8771 [WUSCAR] 05963177 (Generated: 09/29/2023 14:20:26) Rev: 1

Contact/Location: DWIGHT MCDOUGAL - VOLVO8771