CONSTRUCTION EQUIPMENT W07013042-1 AM HARDW VOLVO L70E 60056 - DIESEL ENGINE

Sample No: VCP418314

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: W07013042-1 AM HARDW

SAMPLE INFORMATION

Sample Number		VCP418314	VCP237360	
Sample Date		30 Aug 2023	06 Feb 2019	
Machine Hours		53770	31978	
Oil Hours		0	500	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.4	11.66	
Base Number (BN)	mg KOH/g	6.6		
Oxidation (PA)	%	78	100	
CONTAMIN				
	ATION			
Soot %	%	2	2.9	
Nitration (PA)	%	109	129	
Sulfation (PA)	%	78	84	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	7	7	
Sodium	ppm	5	5	



McClung-Logan Virginia LLC- RICHMOND 1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T: F: (804)266-1611

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.

Potassium

ppm

2

WEAR I	METALS			
Iron	ppm	54	62	
Copper	ppm	4	4	
Lead	ppm	3	7	
Tin	ppm		0	
Aluminum	ppm	4	4	
Chromium	ppm	1	2	
Molybdenum	ppm	1 7	47	
Nickel	ppm		<1	
Titanium	ppm	□<1	<1	
Silver	ppm	0	0	
Manganese	ppm	□<1	<1	
Vanadium	ppm	0	<1	

ADDITIVES							
Calcium	ppm	2696	1269				
Magnesium	ppm	293	876				
Zinc	ppm	1380	1056				
Phosphorus	ppm	1116	982				
Barium	ppm	0	0				
Boron	ppm	15	8				

Depot: VOLVO8882 Unique No: 10632416 Signed: Wes Davis Report Date: 05 Sep 2023

Report Id: VOLVO8882 [WUSCAR] 05941804 (Generated: 09/05/2023 18:38:06) Rev: 1

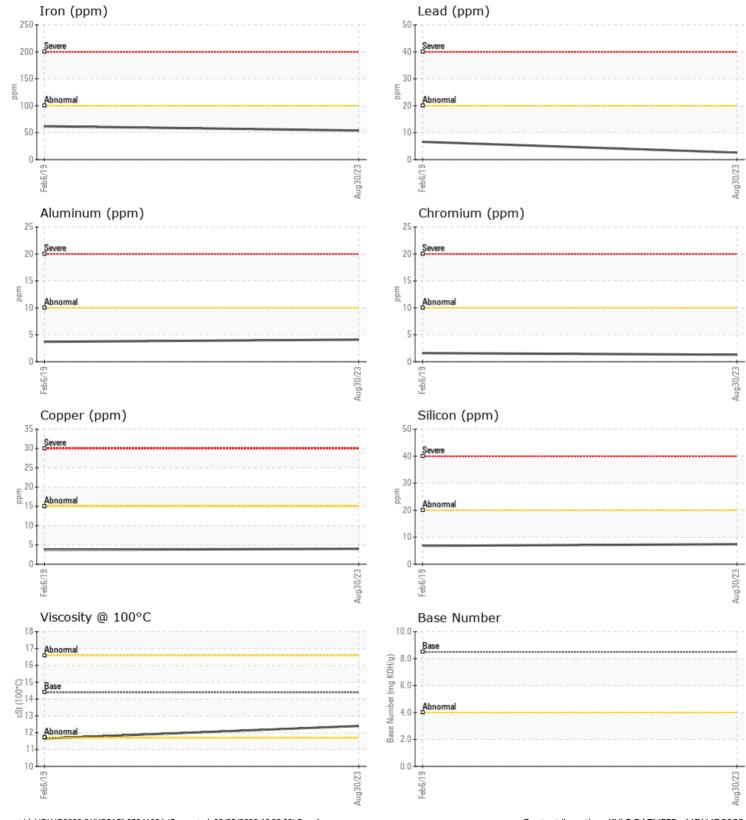
Contact/Location: KYLE RATLIFFE - VOLVO8882

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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