CONSTRUCTION EQUIPMENT 225089 JMK TACOMA VOLVO L90H 625422 - DIESEL ENGINE

Sample No:VCP426760Oil Type:DIESEL ENGINE OIL SAE 40Job No:225089 JMK TACOMA

VOLVO

	NFORMATION			
Sample Number		VCP426760	 	
Sample Date		14 Aug 2023	 	
Machine Hours		11125	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	14.9	 	
Base Number (BN)	mg KOH/g	6.7	 	
Oxidation (PA)	%	95	 	
CONTAMI	NATION			
Soot %	%	0.7	 	
Nitration (PA)	%	93	 	
Sulfation (PA)	%	69	 	
Glycol				



PACWEST MACHINERY

8207 SOUTH 216TH STREET KENT, WA US 98032 Contact: T. GUSTIN tgustin@pacwestmachinery.com T: (800)935-5933 F: (509)534-5286

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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.

Potassium

%

ppm

ppm

ppm

<1.0

30

2

2

Fuel

Silicon

Sodium

WEAR METALS						
Iron	ppm	32				
Copper	ppm	2				
Lead	ppm	■<1				
Tin	ppm					
Aluminum	ppm	2				
Chromium	ppm	2				
Molybdenum	ppm	67				
Nickel	ppm	0				
Titanium	ppm	2				
Silver	ppm	0				
Manganese	ppm	 <1				
Vanadium	ppm	0				

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ADDITIVES							
Calcium	ppm	1350					
Magnesium	ppm	1024					
Zinc	ppm	1416					
Phosphorus	ppm	1164					
Barium	ppm	2					
Boron	ppm	8					

 Depot:
 VOLV01271

 Unique No:
 10618336

 Signed:
 Sean Felton

 Report Date:
 25 Aug 2023

Report Id: VOLVO1271 [WUSCAR] 05933065 (Generated: 08/25/2023 16:10:46) Rev: 1

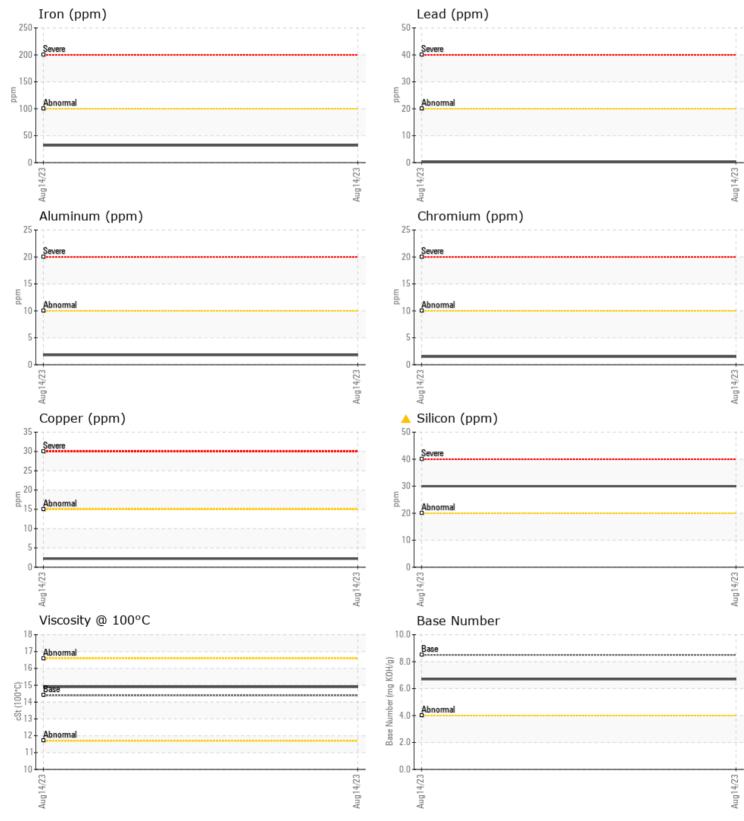
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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