

CONSTRUCTION EQUIPMENT SWA581369 VOLVO A25G 752863 - DIESEL ENGINE



 Sample No:
 VCP440194

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SWA581369

SAMPLE INFORMATION

Sample Number		VCP440194	 	
Sample Date		10 Jun 2024	 	
Machine Hours		1324	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	LION			
Visc @ 100°C	cSt	11.7	 	
Base Number (BN)	mg KOH/g	■7.1	 	
Oxidation (PA)	%	72	 	
CONTAMIN	IATION			
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	78	 	
Sulfation (PA)	%	58	 	

Sulfation (PA)	%	58	 	
Glycol	%	0.0	 	
Fuel	%	0.3	 	
Silicon	ppm	<u> </u>	 	
Sodium	ppm	1 9	 	
Potassium	ppm	<mark>▲</mark> 70	 	

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WEAR N	METALS			
Iron	ppm	20	 	
Copper	ppm	214	 	
Lead	ppm	3	 	
Tin	ppm	1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	67	 	
Nickel	ppm	<u> </u>	 	
Titanium	ppm	0	 	
Silver	ppm	 <1	 	
Manganese	ppm	3	 	
Vanadium	ppm	<1	 	

ADDITIVES						
Calcium	ppm	2066				
Magnesium	ppm	294				
Zinc	ppm	1180				
Phosphorus	ppm	990				
Barium	ppm	 <1				
Boron	ppm	24				



ALTA EQUIPMENT COMPANY

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Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Exhaust valve wear is indicated. Sodium and/or potassium levels are high. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. Test for glycol is negative. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot: VOLVO0095 Unique No: 11074835 Signed: Jonathan Hester Report Date: 18 Jun 2024

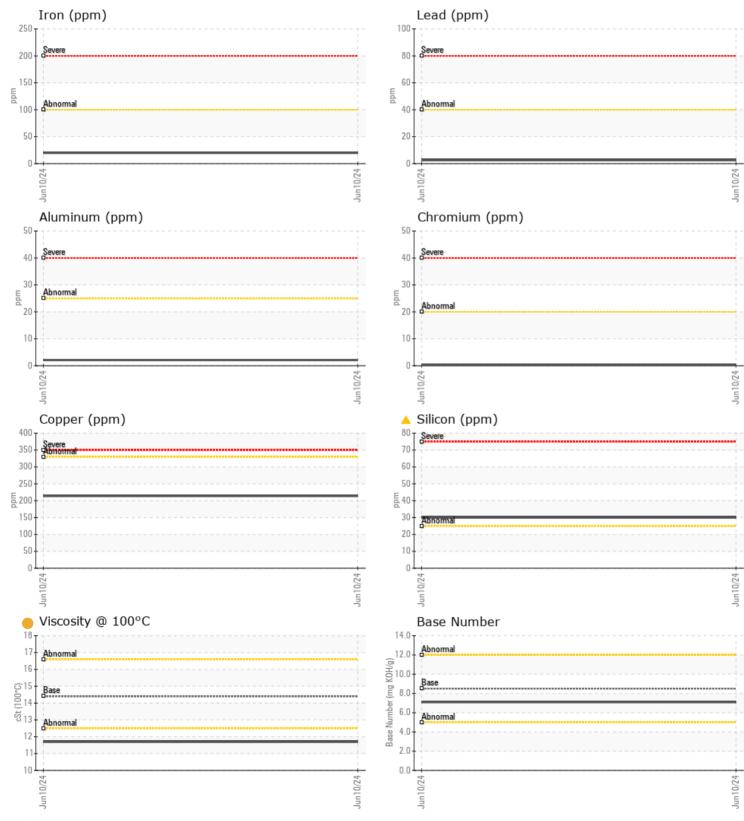
Contact/Location: N. FACEY - VOLVO0095

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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