CONSTRUCTION EQUIPMENT GILBERT BLACK VOLVO L90H 624683 - DIESEL ENGINE

Sample No:VC426114Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:GILBERT BLACK

VOLVO

SAMPLE II	NFORMATION					
Sample Number	-	VC426114				
Sample Date		31 Aug 2023				
Machine Hours		7195				
Oil Hours		0				
Oil Changed		Not Changd				
Sample Status		ABNORMAL				
OIL CONDITION						
Visc @ 100°C	cSt	13.6				
Base Number (BN)	mg KOH/g	■ 8.6				
Oxidation (PA)	%	52				
CONTAMINATION						
Soot %	%	0.1				
Nitration (PA)	%	53				
Sulfation (PA)	%	49				
Glycol	%	NEG				

Nitration (PA)	%	53	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<u>^</u> 23	 	
Sodium	ppm	1	 	
Potassium	ppm	□ <1	 	

WEAR METAL

WEAR M	ICTALS			
Iron	ppm	12	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm		 	
Molybdenum	ppm	38	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

Variadia

ppm	1554				
ppm	638				
ppm	1195				
ppm	983				
ppm	 <1				
ppm	3				
	ppm ppm ppm ppm	ppm 638 ppm 1195 ppm 983 ppm <1	ppm 638 ppm 1195 ppm 983 ppm <1	ppm 638 ppm 1195 ppm 983 ppm <1	



CHADWICK-BAROSS INC

ROUTE106 237 SHEEP DAVIS ROAD CONCORD, NH US 03301 Contact: Dan Godfrey godfreyd@chadwick-baross.com T: (603)224-4063 F: (603)224-3001

Diagnosis

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. 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.

 Depot:
 VOLVO0049

 Unique No:
 10633430

 Signed:
 Sean Felton

 Report Date:
 08 Sep 2023

Report Id: VOLVO0049 [WUSCAR] 05942818 (Generated: 09/08/2023 10:00:07) Rev: 1

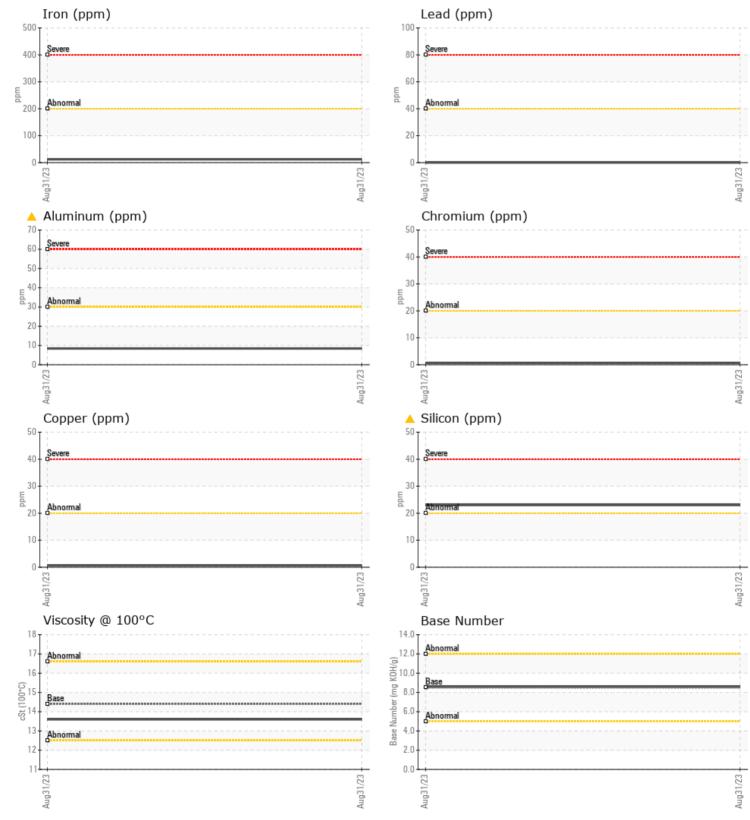
Contact/Location: Dan Godfrey - VOLVO0049

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Dan Godfrey - VOLVO0049