CONSTRUCTION EQUIPMENT 12839 VOLVO L60H 622945 - HYDRAULIC SYSTEM



Sample No:	VC510521			
Oil Type:	{unknown}			
Job No:	12839			

VOLV

	FORMATION				
Sample Number		VC510521		· 	
Sample Date		16 Apr 2024			
Machine Hours		4354			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		ABNORMAL			
	_				-
Visc @ 40°C	cSt	42.4			
Acid Number (AN)	mg KOH/g	1.08			
VOLVO					
CONTAMIN	ATION				
Water	%	NEG			
Particles >4µm	70	162330			
Particles >4µm		▲ 65416			
Particles >14µm		▲ 3933			
ISO 4406:1999 (c)		25/23/19			
Silicon	ppm	15			

TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH SIOUX FALLS, SD US 57104 Contact: BRAD MAUPIN brad.maupin@transourceusa.com T: F: (605)336-2248

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a high amount of particulates present in the oil. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

Potassium

Sodium

ppm

ppm

8

21

ppm	16			
ppm	9			
ppm	□ <1			
ppm				
ppm	2			
ppm				
ppm	2			
ppm				
ppm	<1			
ppm	<1			
ppm	<1			
ppm	0			
	ppm ppm ppm ppm ppm ppm ppm ppm	ppm 16 ppm 9 ppm <1	ppm 16 ppm 9 ppm <1	ppm 16 ppm 9 ppm <1

VOLVO

Calcium	ppm	1589					
Magnesium	ppm	21					
Zinc	ppm	923					
Phosphorus	ppm	858					
Barium	ppm	0					
Boron	ppm	2					

 Depot:
 VOLVO0035

 Unique No:
 10990601

 Signed:
 Jonathan Hester

 Report Date:
 24 Apr 2024

Contact/Location: BRAD MAUPIN - VOLVO0035

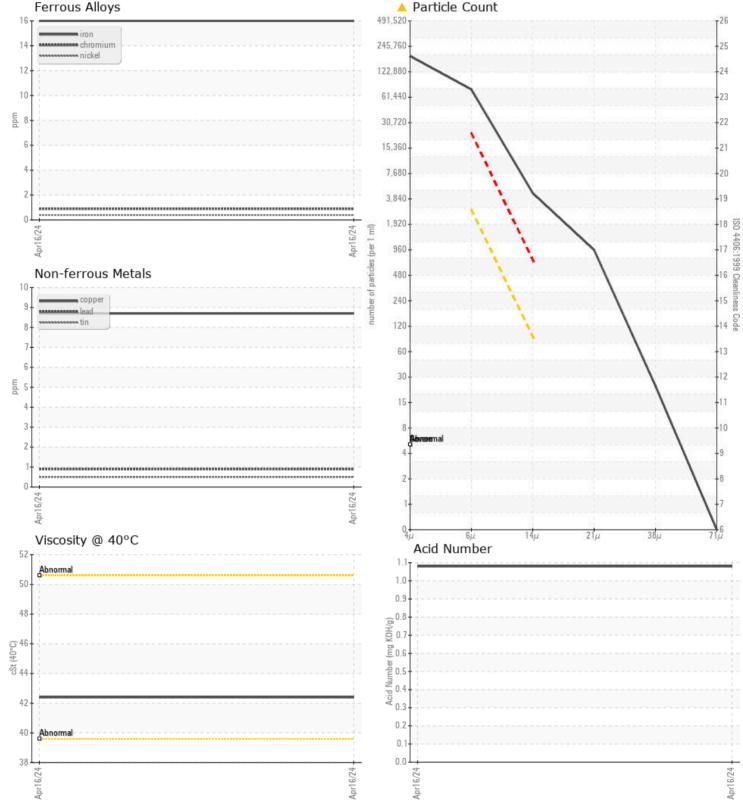
CONSTRUCTION EQUIPMENT



Ferrous Alloys

GRAPHS

VOLVO



Contact/Location: BRAD MAUPIN - VOLVO0035