CONSTRUCTION EQUIPMENT SW1021030 RANGO VOLVO EC950F 410018 - DIESEL ENGINE

Sample No:VCP406388Oil Type:DIESEL ENGINE OIL SAE 15W40

Job No: SW1021030 RANGO

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Silver

VOLVO

	NFORMATION			
Sample Number		VCP406388		
Sample Date		08 Jul 2023		
Machine Hours		6412		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		ABNORMAL		
VOLVO				
V OIL CONDI			<u>_</u>	
Visc @ 100°C	cSt	14.6		
Base Number (BN)	mg KOH/g	6.5		
Oxidation (PA)	%	62		
CONTAMIN	NATION			
Soot %	%	1.7		
Nitration (PA)	%	87		
Sulfation (PA)	%	64		
Glycol	%	NEG		
Fuel	%	<1.0		
Silicon	ppm	18		
Sodium	ppm	3		
Potassium	ppm	1		
	ppiii			
VOLVO				
WEAR ME	TALS			
Iron	ppm	21		
Copper	ppm	4		
Lead	ppm	∎1		
Tin	ppm	1		
Aluminum	ppm	4 34		
Chromium	ppm			
Molybdenum	ppm	93		
Nickel	ppm	<u> </u>		

ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: RANDY PRZEKURAT randyp@arnoldmachinery.com T: F: (602)414-1904

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. Valve wear is indicated. 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 acceptable for the time in service.

 Depot:
 VOLVO6174

 Unique No:
 10562278

 Signed:
 Don Baldridge

 Report Date:
 19 Jul 2023

Report Id: VOLVO6174 [WUSCAR] 05900922 (Generated: 07/19/2023 13:44:03) Rev: 1

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0

|| <1

<1

2351

1307

1022

0 🔲

22

78

ppm

ADDITIVES

Contact/Location: RANDY PRZEKURAT - VOLVO6174

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

