CONSTRUCTION EQUIPMENT SPM674735-10 VOLVO EC950FL 410112 - DIESEL ENGINE

 Sample No:
 VCP421018

 Oil Type:
 {unknown}

 Job No:
 SPM674735-10

	NFORMATION			
		VCD421010	<u></u>	<u>-</u>
Sample Number		VCP421018		
Sample Date		17 Feb 2024		
Machine Hours		1239		
Oil Hours		0		
Oil Changed		N/A		
Sample Status		ABNORMAL		
VOLVO				
V OIL CONDI	TION			
Visc @ 100°C	cSt	12.0		
Base Number (BN)	mg KOH/g	7.9		
Oxidation (PA)	%	79		
VOLVO				
CONTAMII	-			
Water	%	NEG		
Soot %	%	0.4		
Nitration (PA)	%	68		
Sulfation (PA)	%	63		
Glycol	%	NEG		
Fuel	%	<u> </u>		
Silicon	ppm	4 6		
Sodium	ppm	4		
Potassium	ppm	17		
VOLVO				
WEAR ME	TALS			
Iron		81		
	ppm	104		
Copper Lead	ppm			
Tin	ppm ppm	7		
Aluminum		▲ 12		
Chromium	ppm ppm	3		
Molybdenum		69		
Nickel	ppm ppm	▲ 22		
Titanium	ppm	0		
Silver		0		
Manganese	ppm	3		
Vanadium	ppm ppm	0		
	PPIII	Ū.		
VOLVO	_			
	2			
Calcium	ppm	2004		
Magnesium	ppm	239		
Zinc	ppm	1189		
Phosphorus	ppm	946		
Barium	ppm	0		
Boron	ppm	4		

ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

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. Please specify the brand, type, and viscosity of the oil on your next sample.Valve wear is indicated. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. Light fuel dilution occurring. 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:
 VOLVO0090

 Unique No:
 10887550

 Signed:
 Don Baldridge

 Report Date:
 22 Feb 2024

Report Id: VOLVO0090 [WUSCAR] 06094697 (Generated: 02/22/2024 10:27:29) Rev: 1

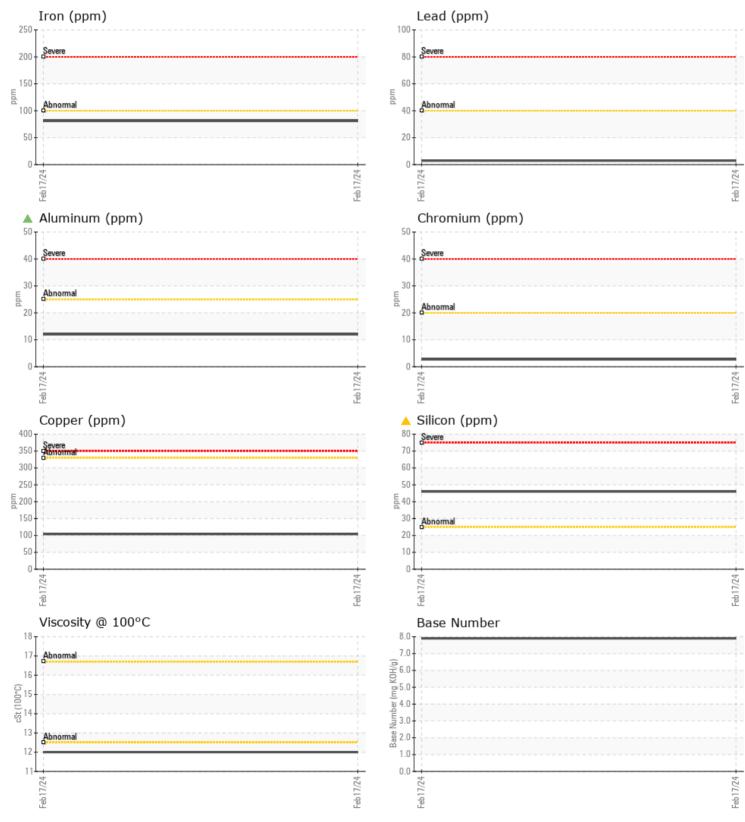
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: TODD LARK - VOLVO0090