CONSTRUCTION EQUIPMENT SPM634384-10 OLD CAS VOLVO L90H 626615 - DIESEL ENGINE

Sample No:VCP426562Oil Type:DIESEL ENGINE OIL SAE 40Job No:SPM634384-10 OLD CAS

TOTATO

VOLVO				
	NFORMATION			
Sample Number	-	VCP426562	 	
Sample Date		22 Nov 2023	 	
Machine Hours		309	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.6	 	
Base Number (BN)	mg KOH/g	9.6	 	
Oxidation (PA)	%	71	 	
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	56	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	18	 	
Sodium	ppm	4	 	
Potassium	ppm	 <1	 	
VOLVO				
WEAR ME	ZIAT			

VEAR I	METALS			
Iron	ppm	18	 	
Copper	ppm	8	 	
Lead	ppm	 <1	 	
Tin	ppm	2	 	
Aluminum	ppm	A 38	 	
Chromium	ppm	4	 	
Molybdenum	ppm	42	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	1503					
Magnesium	ppm	572					
Zinc	ppm	1080					
Phosphorus	ppm	991					
Barium	ppm	3					
Boron	ppm	55					



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

No corrective action is recommended at this time. Resample at the next service interval to monitor.The aluminum level is abnormal. All other metal levels are typical for a new component breaking in. 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:
 VOLVO0090

 Unique No:
 10763877

 Signed:
 Don Baldridge

 Report Date:
 01 Dec 2023

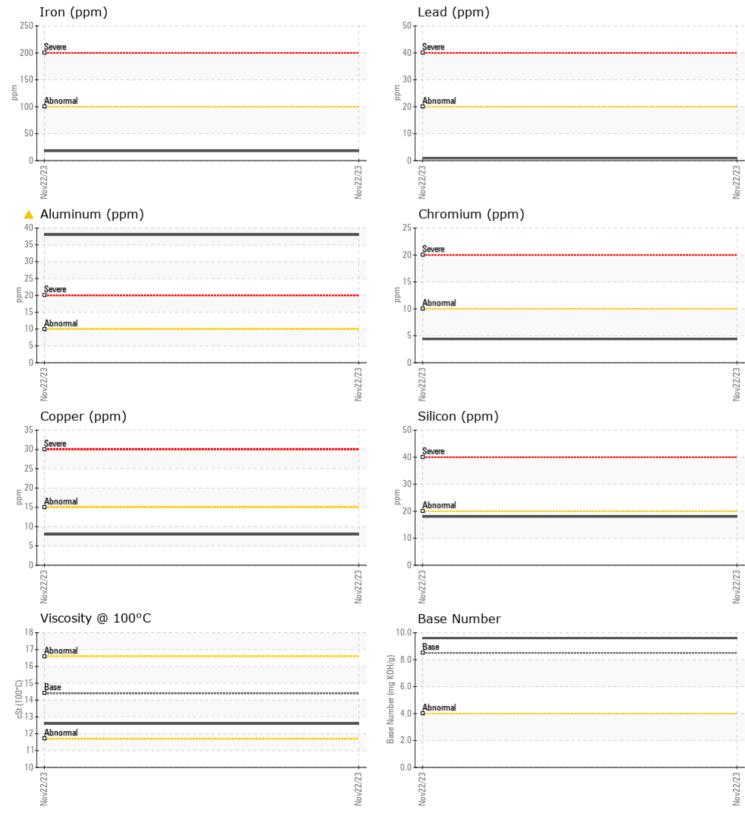
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06019377 (Generated: 12/01/2023 14:56:27) Rev: 1

Contact/Location: TODD LARK - VOLVO0090