CONSTRUCTION EQUIPMENT SW1027080 IAA 10 VOLVO L90H 626979 - DIESEL ENGINE

 Sample No:
 VCP441356

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SW1027080 IAA 10

TOTATO

Potassium

ppm

2

VOLVO				
SAMPLE II	NFORMATION			
Sample Number	-	VCP441356	 	
Sample Date		01 Dec 2023	 	
Machine Hours		542	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.3	 	
Base Number (BN)	mg KOH/g	9.8	 	
Oxidation (PA)	%	80	 	
CONTAMIN	NATION			
Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	20	 	
Sodium	ppm	5	 	



ARNOLD MACHINERY COMPANY

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

Diagnosis

Resample at the next service interval to monitor.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 suitable for further service.

VOLVO				
WFAR I	METALS			
	-		<u>.</u>	
Iron	ppm	35		
Copper	ppm	8		
Lead	ppm	0		
Tin	ppm	4		
Aluminum	ppm	16		
Chromium	ppm	3		
Molybdenum	ppm	42		
Nickel	ppm	0		
Titanium	ppm	0		
Silver	ppm	0		
Manganese	ppm	4		
Vanadium	ppm	0		

Calcium	ppm	1590					
Magnesium	ppm	601					
Zinc	ppm	1192					
Phosphorus	ppm	975					
Barium	ppm	0					
Boron	ppm	40					

 Depot:
 VOLVO6174

 Unique No:
 10780126

 Signed:
 Wes Davis

 Report Date:
 12 Dec 2023

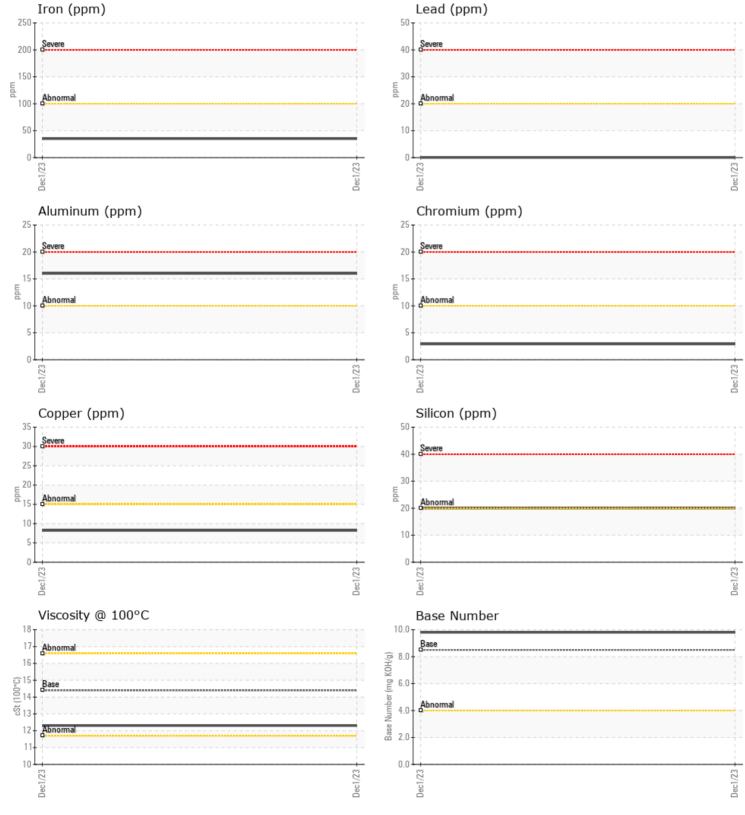
Contact/Location: RANDY PRZEKURAT - VOLVO6174

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: RANDY PRZEKURAT - VOLVO6174