CONSTRUCTION EQUIPMENT SW1026383 UPPER VALL VOLVO EC160D 220030 - HYDRAULIC

Sample No:VCP435299Oil Type:AW HYDRAULIC OIL ISO 46Job No:SW1026383 UPPER VALL

VOLVO

Job No:

SAMPLE INFORMATION

Sample Number	-	VCP435299			
Sample Date		13 Nov 2023			
Machine Hours		5506			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
OIL CONDI	TION				
Visc @ 40°C	cSt	45.9			
Acid Number (AN)	mg KOH/g	■0.12			

Water	%	NEG	 	
Particles >4µm		1839	 	
Particles >6µm		272	 	
Particles >14µm		16	 	
ISO 4406:1999 (c)		18/15/11	 	
Silicon	ppm	3	 	
Sodium	ppm	0	 	
Potassium	ppm	2	 	

WEAR METAL

Iron	ppm	3	 	
Copper	ppm	35	 	
Lead	ppm	1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	■ <1	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

VOLVO

Calcium	ppm	38			
Magnesium	ppm	2			
Zinc	ppm	103			
Phosphorus	ppm	158			
Barium	ppm	9			
Boron	ppm	0			



ARNOLD MACHINERY COMPANY

3330 NORTH YELLOWSTONE HIGHWAY IDAHO FALLS, ID US 83401 Contact: JASON MERRILL jmerrill@arnoldmachinery.com T: (208)523-0822 F: (208)523-9918

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

 Depot:
 VOLVO0077

 Unique No:
 10753101

 Signed:
 Don Baldridge

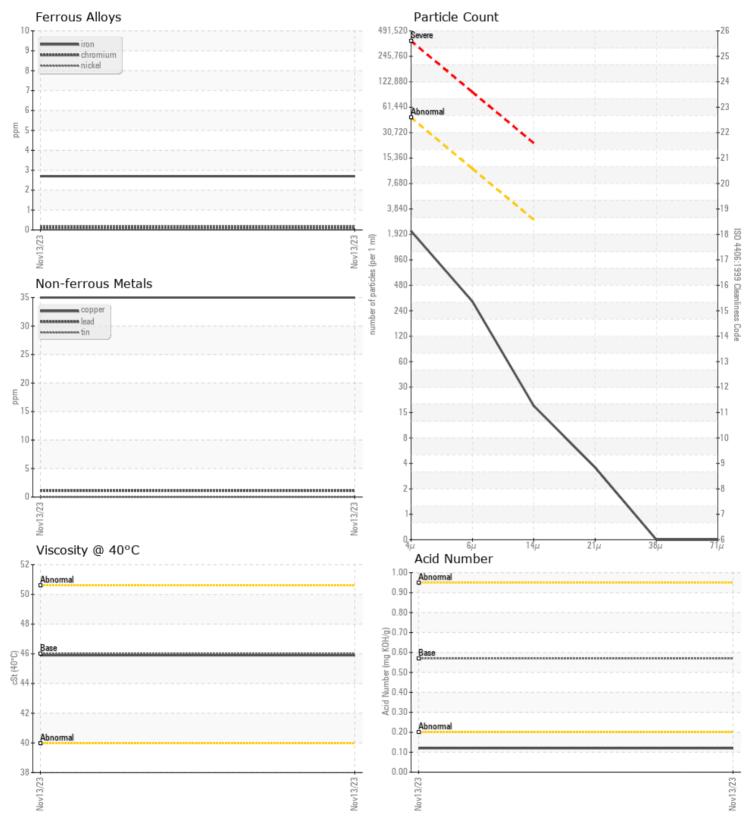
 Report Date:
 23 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: JASON MERRILL - VOLVO0077