

CONSTRUCTION EQUIPMENT VOLVO L220H 3301 - REAR AXLE



Sample No: VCP375290

Oil Type: MOBIL MOBILFLUID 424

Job No:

	E INFORMATION			
Sample Number		VCP375290	VCP360583	
Sample Date		20 Jan 2023	25 Feb 2022	
Machine Hours		3610	2822	
Oil Hours		3610	1000	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CON				
		· _ • • •		
Visc @ 40°C	cSt	50.4	41.7	
VOLVO				
CONTAI	MINATION			
Silicon	ppm	19	9	
Sodium	ppm	1	9	
Potassium	ppm	0	0	
	pp			
VOLVO				
WEAR N	METALS			
Iron	ppm	1 4	30	
Copper	ppm	■ <1	1	
Lead	ppm	 <1	 < 1	
Tin	ppm	0	 <1	
Aluminum	ppm	2	1	
Chromium	ppm		 <1	
Molybdenum	ppm	2	1	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	1	
Vanadium	ppm	0	0	
	VES			
		- 2202	- 2412	
Calcium	ppm	3382	3412	
Magnesium	ppm	25	11	
Zinc	ppm	1380	1454	
Phosphorus Barium	ppm	□ 1057 □ <1	1180	
Boron	ppm		□ 0 □ 127	
DUIUII	ppm	117		



ARNOLD MACHINERY COMPANY

3330 NORTH YELLOWSTONE HIGHWAY IDAHO FALLS, ID US 83401 Contact: DAVE BOSTON dboston@arnoldmachinery.com T: F: (208)523-9918

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

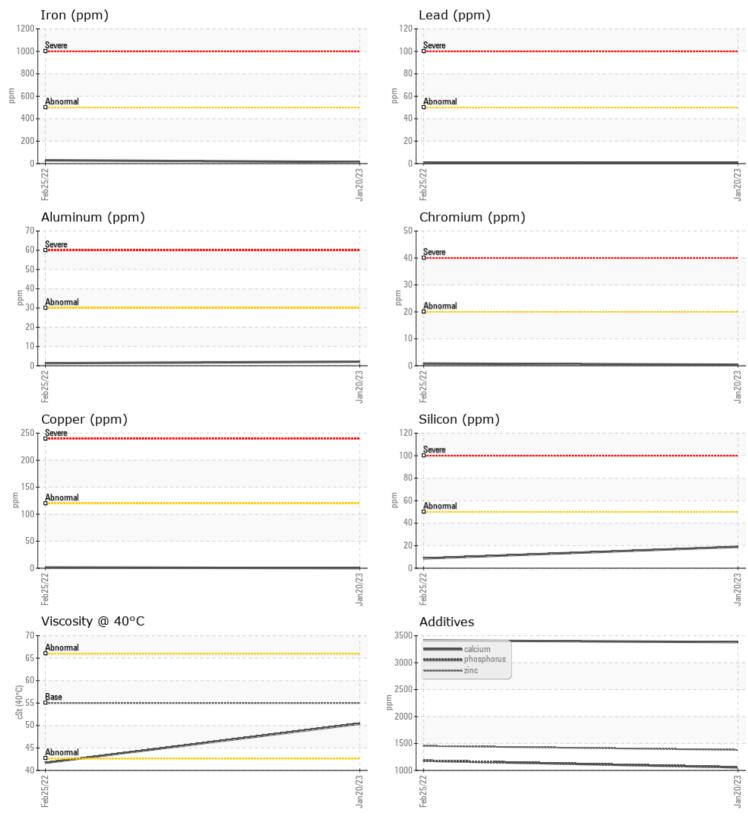
Depot:	VOLVO0077		
Unique No:	10312123		
Signed:	Wes Davis		
Report Date:	30 Jan 2023		

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0077 [WUSCAR] 05752519 (Generated: 08/11/2023 12:39:26) Rev: 1

Contact/Location: DAVE BOSTON - VOLVO0077