CONSTRUCTION EQUIPMENT SWI026785 VOLVO EC220EL 314457 - SWING DRIVE

Sample No:	VCP413414
Oil Type:	GEAR OIL SAE 80W90
Job No:	SWI026785

SAMPLE INFORMATION

VOLVO

Sample Number		VCP413414		
Sample Date		16 Nov 2023		
Machine Hours		2007		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		NORMAL		
OIL COND				
		- 1 4 1	<u> </u>	
Visc @ 40°C	cSt	161		
VOLVO				
CONTAM	INATION			
Water	%	NEG		
Silicon	ppm	15		
Sodium	ppm	0		
Potassium	ppm	1		
	pp			
VOLVO				
WEAR M	ETALS			
Iron	ppm	398		
Copper	ppm	16		
Lead	ppm	0		
Tin	ppm	0		
Aluminum	ppm	1		
Chromium	ppm	5		
Molybdenum	ppm	 <1		
Nickel	ppm	0		
Titanium	ppm	<1		
Silver	ppm	0		
Manganese	ppm	6		
Vanadium	ppm	0		
	52			

ADDITIVES Calcium ppm 6 Magnesium **||** <1 ppm Zinc ppm 12 Phosphorus ppm 306 Barium 0 🔲 ppm Boron ppm **1**



ARNOLD MACHINERY COMPANY

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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:	VOLVO8770
Unique No:	10754592
Signed:	Wes Davis
Report Date:	26 Nov 2023

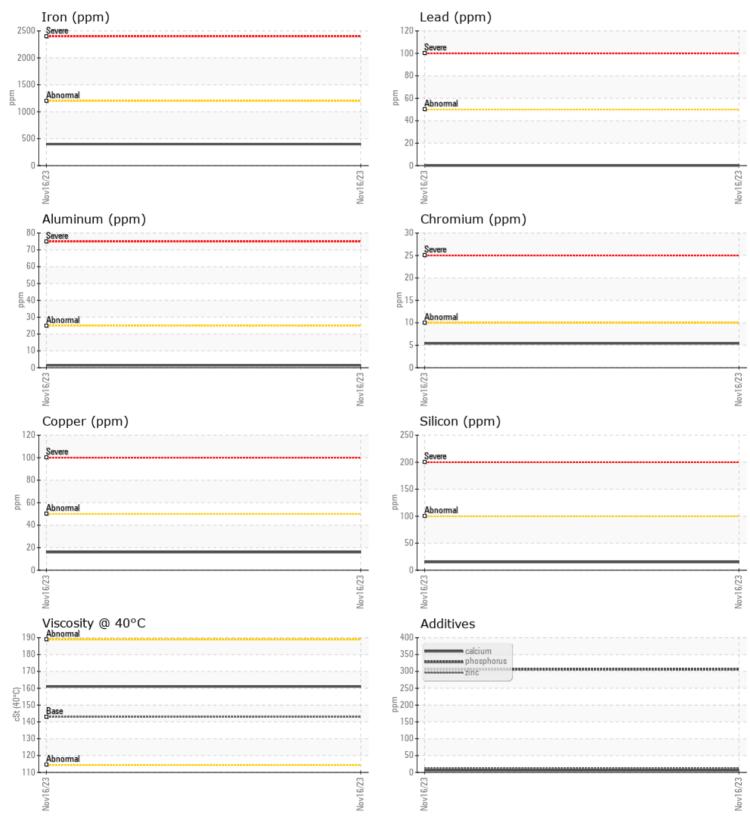
Contact/Location: TJ LARK - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06015448 (Generated: 11/26/2023 14:50:19) Rev: 1

Contact/Location: TJ LARK - VOLVO8770