CONSTRUCTION EQUIPMENT SW-23755-2 CASTLE VA VOLVO EC220EL 310178 - SWING DRIV

 Sample No:
 VCP411575

 Oil Type:
 VOLVO PREMIUM GEAR OIL 80W-90 GL-5

 Job No:
 SW-23755-2 CASTLE VA

 Sample Number
 VCP411575

 VCP299759
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VOLVO

## Sample Date 07 Sep 2023 23 Nov 2021 Machine Hours 6228 3908 Oil Hours 1000 2000 Oil Changed Changed Changed NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 136 135

CONTAMINATION							
Silicon	ppm	5	4				
Sodium	ppm	0	0				
Potassium	ppm	0	0				

VOLVO				
VEAR N	METALS			
Iron	ppm	<b>172</b>	121	 
Copper	ppm	<b>4</b>	6	 
Lead	ppm	<b></b> <1	0	 
Tin	ppm	<b></b> <1	0	 
Aluminum	ppm	<b>1</b>	<1	 
Chromium	ppm	2	1	 
Molybdenum	ppm	<b></b> <1	< 1	 
Nickel	ppm	<b></b> <1	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	3	1	 
Vanadium	ppm	0	0	 

**ADDITIVES** Calcium 11 ppm 11 Magnesium 5 0 ppm 13 Zinc ppm 6 Phosphorus 955 952 ppm Barium 0 0 ppm Boron ppm 218 158



## ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

## 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:	10649002
Signed:	Sean Felton
Report Date:	19 Sep 2023

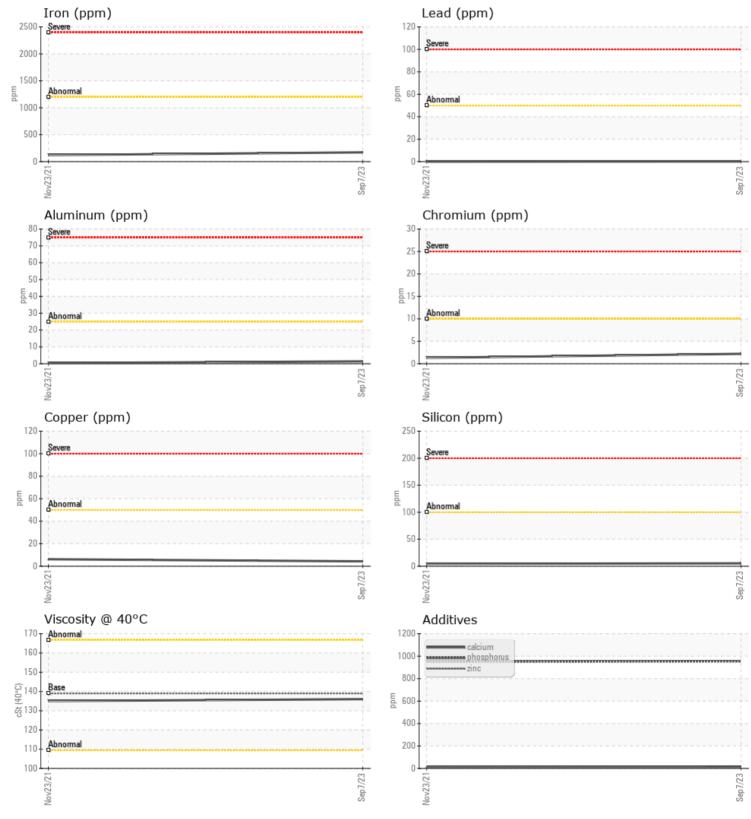
Contact/Location: TONY PAYAN - VOLVO8770

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05953043 (Generated: 09/19/2023 17:27:15) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770