CONSTRUCTION EQUIPMENT SW-30086-1 RANGO VOLVO R 100E 121020 - REAR AXLE

 Sample No:
 VCP422758

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SW-30086-1 RANGO

VOLVO

Boron

SAMPL	E INFORMATION	l				
Sample Number	r	VCP422758				
Sample Date		20 Feb 2024				ARNOLD MACHINERY COMPANY
Machine Hours		4057				2975 WEST 2100 SOUTH
Oil Hours		0				SALT LAKE CITY, UT
Oil Changed		Not Changd				US 84119
Sample Status		ABNORMAL				Contact: TJ LARK
						tlark@arnoldmachinery.com
VOLVO						T: (801)972-4000
	NDITION					F: (801)975-9434
Visc @ 40°C	cSt	<b>135</b>				
						Diagnasia
CONTAMINATION						Diagnosis
		No corrective action is recommended				
Water	%	NEG				at this time. Resample at the next
Silicon	ppm	27				service interval to monitor.Gear wear
Sodium	ppm	<b>4</b>				is indicated. There is no indication of any contamination in the oil. The
Potassium	ppm	<b>80</b>				condition of the oil is acceptable for
VOLVO						the time in service.
WEAR	METALS					
Iron	ppm	<u> </u>				-
Copper	ppm	<b>1</b> 4				
Lead	ppm	0				
Tin	ppm	0				
Aluminum	ppm	9				
Chromium	ppm	<b>4</b>				
Molybdenum	ppm	<b>■</b> <1				
Nickel	ppm	8				
Titanium	ppm	2				
Silver	ppm	0				
Manganese	ppm	7				
Vanadium	ppm	0				
	VFS					
Calcium		- 0F				
	ppm	95				
Magnesium	ppm	7				
Zinc	ppm	<b>45</b>				
Phosphorus	ppm	<b>419</b>				
Barium	ppm	1				

## 10900270

Signed:Jonathan HesterReport Date:29 Feb 2024

Depot:

Unique No:

61

ppm

Contact/Location: TJ LARK - VOLVO8770

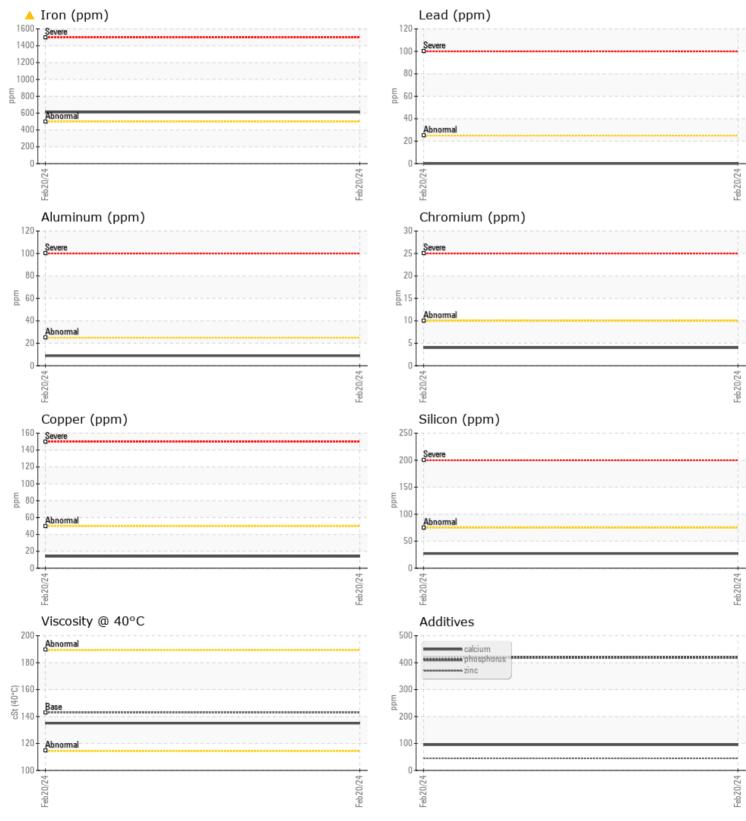
VOLVO8770

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06102040 (Generated: 02/29/2024 14:55:34) Rev: 1

Contact/Location: TJ LARK - VOLVO8770