CONSTRUCTION EQUIPMENT SW-29953 SEG 1 RANGO VOLVO R100E 121019 - DIESEL ENGINE

 Sample No:
 VCP324485

 Oil Type:
 {unknown}

 Job No:
 SW-29953 SEG 1 RANGO

VOLVO

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

	INFORMATION			
Sample Number		VCP324485	 	
Sample Date		26 Feb 2024	 	
Machine Hours		3292	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
VOLVO				
OIL CONE	DITION			
Visc @ 100°C	cSt	13.0	 	
Base Number (BN) mg KOH/g	8.4	 	
Oxidation (PA)	%	49	 	
TONTAN				
Contam	-			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	59	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	
VOLVO				
🤍 WEAR M	ETALS			
Iron	ppm	4	 	
Copper	ppm	1	 	
Lead	ppm	□ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	7	 	
Nickel	ppm	□<1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

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. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLV08770

 Unique No:
 10903178

 Signed:
 Wes Davis

 Report Date:
 01 Mar 2024

Report Id: VOLVO8770 [WUSCAR] 06104948 (Generated: 03/01/2024 12:29:13) Rev: 1

ppm

ppm

ppm

ppm

ppm

ppm

1287

741

869 739

0 🔲

102

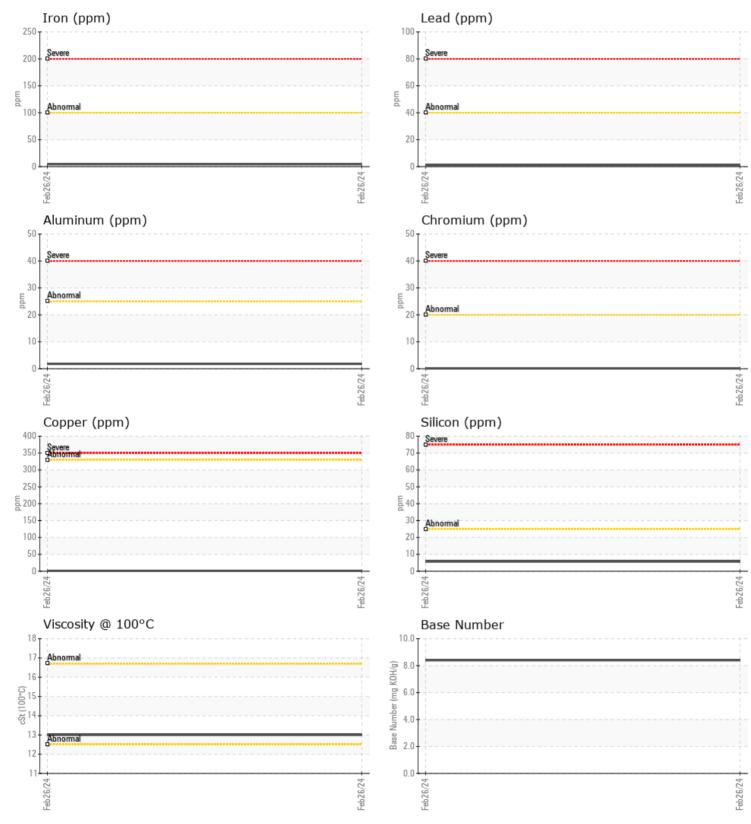
Contact/Location: TONY PAYAN - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06104948 (Generated: 03/01/2024 12:29:16) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770