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

Sample No:	VCP422953			
Oil Type:	GEAR OIL SAE 80W90			
Job No:	SW-30086-1 RANGO			

VOLVO

SAMPL	E INFORMATION			
Sample Number		VCP422953	 	 -
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	135	 	
				Diagnosis
CONTA	MINATION			
Water	%	NEG	 	 No corrective action is recommended
Silicon		24	 	 at this time. Resample at the next service interval to monitor.Gear wear
Sodium	ppm			is indicated. There is no indication of
	ppm	3	 	 any contamination in the oil. The
Potassium	ppm	■77	 	 condition of the oil is acceptable for
VOLVO				the time in service.
WEAR	METALS			
Iron	ppm	4 559	 	 -
Copper	ppm	1 4	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	8	 	
Chromium	ppm	4	 	
Molybdenum	ppm	 <1	 	
Nickel	ppm	8	 	
Titanium	ppm	2	 	
Silver	ppm	0	 	
Manganese	ppm	6	 	
Vanadium	ppm	0	 	
ADDITI	VES			
Calcium	ppm	70	 	 -
Magnesium	ppm	6	 	
Zinc	ppm	■ 41	 	
Phosphorus	ppm	403	 	
Barium	ppm	1	 	
Boron	ppm	6 1	 	
201011	PPIII			

VOLVO8770

29 Feb 2024

Contact/Location: TJ LARK - VOLVO8770

Jonathan Hester

10900272

Depot:

Signed:

Unique No:

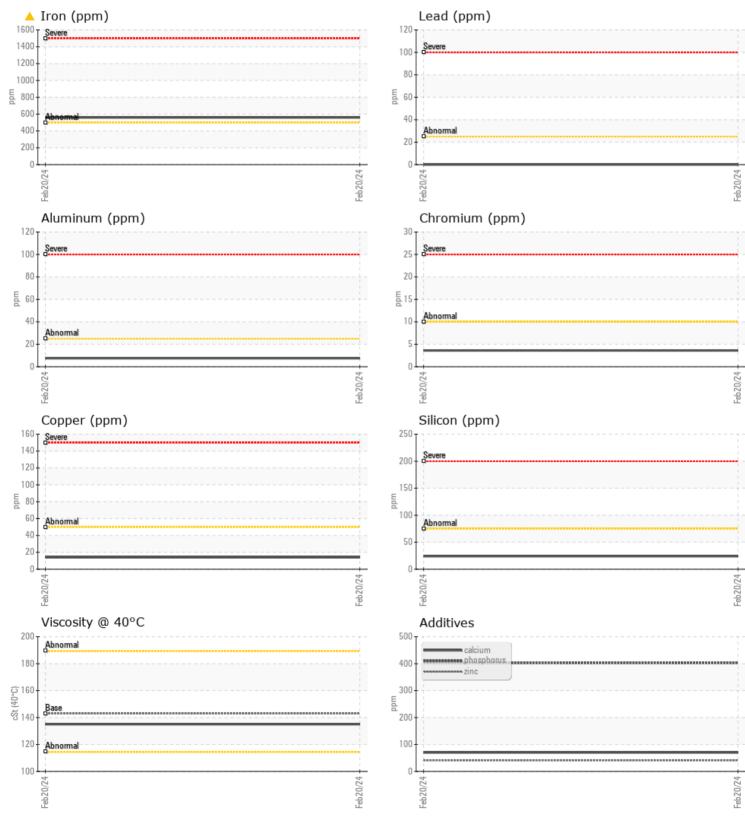
Report Date:

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06102042 (Generated: 02/29/2024 14:55:43) Rev: 1

Contact/Location: TJ LARK - VOLVO8770