# CONSTRUCTION EQUIPMENT SW-25850-2 MAVERICK VOLVO EC480E 315097 - LEFT SWING D

Sample No: VCP442142 **Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5 Job No: SW-25850-2 MAVERICK

### SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP442142	VCP423001	 
Sample Date		02 Nov 2023	31 Jul 2023	 
Machine Hours		1250	679	 
Oil Hours		600	679	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	ABNORMAL	 
OIL CONDI	TION			
Visc @ 40°C	cSt	<b>185</b>	175	 
VOLVO				
Contamii	NATION			
Silicon	ppm	11	14	 
Sodium	ppm	<b>1</b>	0	 
Potassium	ppm	0	2	 
WEAR ME	TALS			
Iron	ppm	<b>449</b>	122	 
Copper	ppm	<b>18</b>	▲ 84	 
Lead	ppm	0	<b></b> < 1	 
Tin	ppm	0	0	 
Aluminum	ppm	■ <1	2	 
Chromium	ppm	5	2	 
Molybdenum	ppm	223	□ <1	 
Nickel	ppm	0	<b></b> <1	 
Titanium	ppm	0	<1	 
Silver	ppm	0	<1	 
Manganese	ppm	<b>4</b>	6	 
Vanadium	ppm	0	0	 

#### **ARNOLD MACHINERY COMPANY**

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TJ LARK tlark@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.

	ADDITIVES	
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Calcium	ppm	<b>30</b>	30	 
Magnesium	ppm	2	□ <1	 
Zinc	ppm	<b>40</b>	59	 
Phosphorus	ppm	732	324	 
Barium	ppm	2	4	 
Boron	ppm	<b>42</b>	0	 

Depot: VOLV08770 Unique No: 10738415 Signed: Don Baldridge Report Date: 14 Nov 2023

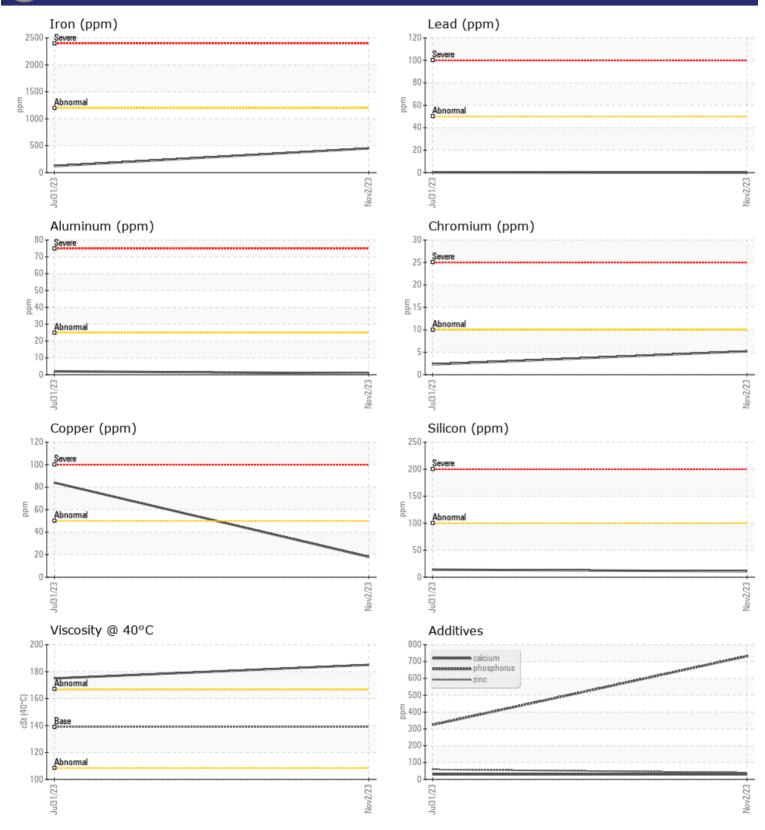
Contact/Location: TJ LARK - VOLVO8770

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: TJ LARK - VOLVO8770