CONSTRUCTION EQUIPMENT

Sample No:	VCP412248
Oil Type:	VOLVO PREMIL

VOLVO

e: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Job No:

Boron

19244

## SAMPLE INFORMATION

Sample Number	-	VCP412248	VCP381102			
Sample Date		23 Jul 2023	24 Feb 2023			
Machine Hours		2129	651			
Oil Hours		0	0			
Oil Changed		Changed	Changed			
Sample Status		NORMAL	ABNORMAL			
OIL CONDITION						
Visc @ 40°C	cSt	∎140	□138			
CONTAMINATION						
Silicon	ppm	3	31			
Sodium	ppm	■4	6			
Potassium	ppm	0	<1			

VOLVO				
	METALS			
WEAK I	METAL2			
Iron	ppm	<b>72</b>	312	 
Copper	ppm	0	0	 
Lead	ppm	□ <1	0	 
Tin	ppm	<b>4</b>	<b>1</b> 4	 
Aluminum	ppm	□ <1	4	 
Chromium	ppm	<b>1</b>	6	 
Molybdenum	ppm	0	0	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	<b>1</b>	5	 
Vanadium	ppm	0	0	 

■ < 1

**ADDITIVES** Calcium 17 33 ppm Magnesium **1** 3 ppm Zinc 26 26 ppm Phosphorus 962 379 ppm Barium 0 0 ppm

168



## HILCO TRANSPORT

7700 KENMONT RD GREENSBORO, NC US 27409 Contact: MIKE LAUGHEAD mlaughead@hilcotransport.com T: (336)273-9441 F: (336)273-9701

## 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:	HILGREVC
Unique No:	10587599
Signed:	Doug Bogart
Report Date:	06 Aug 2023

ppm

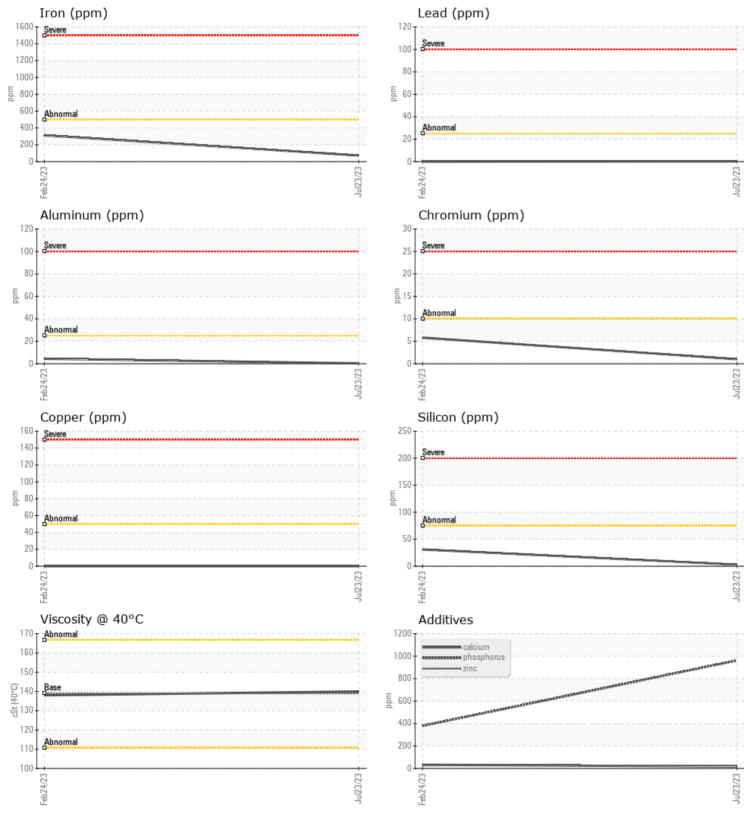
Contact/Location: MIKE LAUGHEAD - HILGREVC

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: HILGREVC [WUSCAR] 05915685 (Generated: 08/08/2023 03:47:29) Rev: 1

Contact/Location: MIKE LAUGHEAD - HILGREVC