

SVC53073 MORRUNE EXC VOLVO EC160BLC 11381 - FRONT LEFT FINA

 Sample No:
 VCP407058

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SVC53073 MORRUNE EXC

VOLVO

VOLVO				
SAMPLE	INFORMATION	l		
Sample Number		VCP407058	 	
Sample Date		28 Feb 2024	 	
Machine Hours		6886	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	148	 	
CONTAM	MINATION			
Water	%	NEG	 	
Silicon	ppm	4 916	 	
Sodium	ppm	50	 	
Potassium	ppm	71	 	
WEAR N	METALS			
Iron	ppm	2567	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	— 177	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	0	 	
Nickel	ppm	2	 	
Titanium	ppm	10	 	
Silver	ppm	0	 	
Manganese	ppm	1 5	 	
Vanadium	ppm	<1	 	
VOLVO			 	

ADDITIVES Calcium **41** ppm Magnesium ppm 20 Zinc ppm 8 Phosphorus 1959 ppm Barium 2 ppm 156 Boron ppm



TYLER EQUIPMENT CORPORATION

1980 BERLIN TURNPIKE BERLIN, CT US 06037 Contact: KYLE SCHMITZ kschmitz@tylerequipment.com T: (860)356-0840 F: (860)828-6727

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO0005

 Unique No:
 10909945

 Signed:
 Jonathan Hester

 Report Date:
 05 Mar 2024

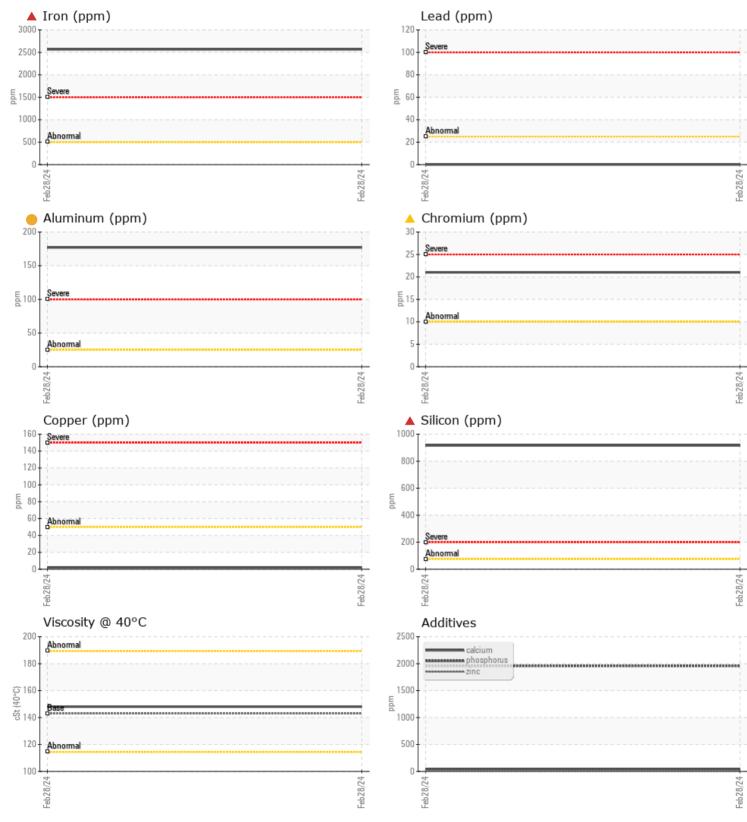
Contact/Location: KYLE SCHMITZ - VOLVO0005

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0005 [WUSCAR] 06106448 (Generated: 03/05/2024 14:37:09) Rev: 1

Contact/Location: KYLE SCHMITZ - VOLVO0005