CONSTRUCTION EQUIPMENT SESI TAKEUCHI TL 10 201002971 - REAR LEFT FINAL DRIVE

Sample No:	VCP384033		
Oil Type:	GEAR OIL LS 80W90		
Job No:	SESI		

VOLVO

Manganese

ppm

SAMPLE INFORMATION							
Sample Number	-	VCP384033					
Sample Date		16 Dec 2022					
Machine Hours		0					
Oil Hours		0					
Oil Changed		N/A					
Sample Status		SEVERE					
OIL CONDITION							
Visc @ 40°C	cSt	194					
VOLVO							
CONTAMI	NATION						
Silicon	ppm	• 550					
Sodium	ppm	20					
Potassium	ppm	27					
VOLVO							
WEAR METALS							
Iron	ppm	93971					
Copper	ppm	9					
Lead	ppm	■ <1					
Tin	ppm	■ <1					
Aluminum	ppm	<u> </u>					
Chromium	ppm	4 3					
Molybdenum	ppm	■4					
Nickel	ppm	<u> </u>					
Titanium	ppm	8					
Silver	ppm	0					

Vanadium ppm <1 **ADDITIVES** Calcium 58 ppm Magnesium 20 ppm 58 Zinc ppm Phosphorus 221 ppm Barium 0 ppm Boron ppm 2



367 - ASCENDUM MACHINERY INC - BUFORD

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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:
 VOLVO8529

 Unique No:
 10272385

 Signed:
 Doug Bogart

 Report Date:
 30 Dec 2022

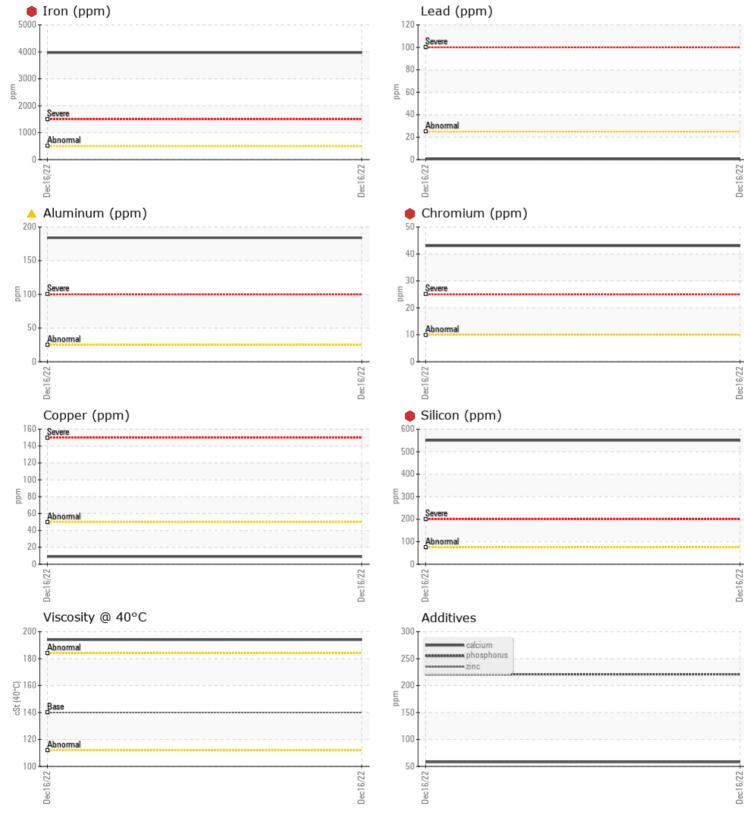
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8529 [WUSCAR] 05727804 (Generated: 08/21/2023 07:34:38) Rev: 1

Contact/Location: Dana Vaccaro - VOLVO8529