

CONSTRUCTION EQUIPMENT LIEBHERR L524 020079-659 - REAR RIGHT WHEEL HUB



Sample No: VCP06152675 GEAR OIL SAE 80W90

Oil Type:

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

	E INFORMATION			
Sample Number		VCP06152675		
Sample Date		02 Apr 2024		
Machine Hours		0		
Oil Hours		0		
Oil Changed		N/A		
Sample Status		ABNORMAL		
OIL CON	DITION			
Visc @ 40°C	cSt	143		
	MINATION			
		, NEC	<u> </u>	
Water	%	NEG		
Silicon	ppm	▲ 63		
Sodium	ppm	6		
Potassium	ppm	6		
VOLVO				
🔰 WEAR I	METALS			
Iron	ppm	263		
Copper	ppm	7		
Lead	ppm	 <1		
Tin	ppm	<1		
Aluminum	ppm	🥚 16		
Chromium	ppm	2		
Molybdenum	ppm	0		
Nickel	ppm	□ <1		
Titanium	ppm	2		
Silver	ppm	0		
Manganese	ppm	8		
Vanadium	ppm	0		
ADDITI	VES			
Calcium	ppm	98		
Magnesium	ppm	24		
Zinc	ppm	53		



SIMS METAL MANAGEMENT

2500 S. PAULINA CHICAGO, IL US 60608 Contact: RYAN WISE ryan.wise@simsmm.com Г: F:

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot: SIMCHIIL Unique No: 10982753 Signed: Sean Felton Report Date: 22 Apr 2024 Contact/Location: RYAN WISE - SIMCHIIL

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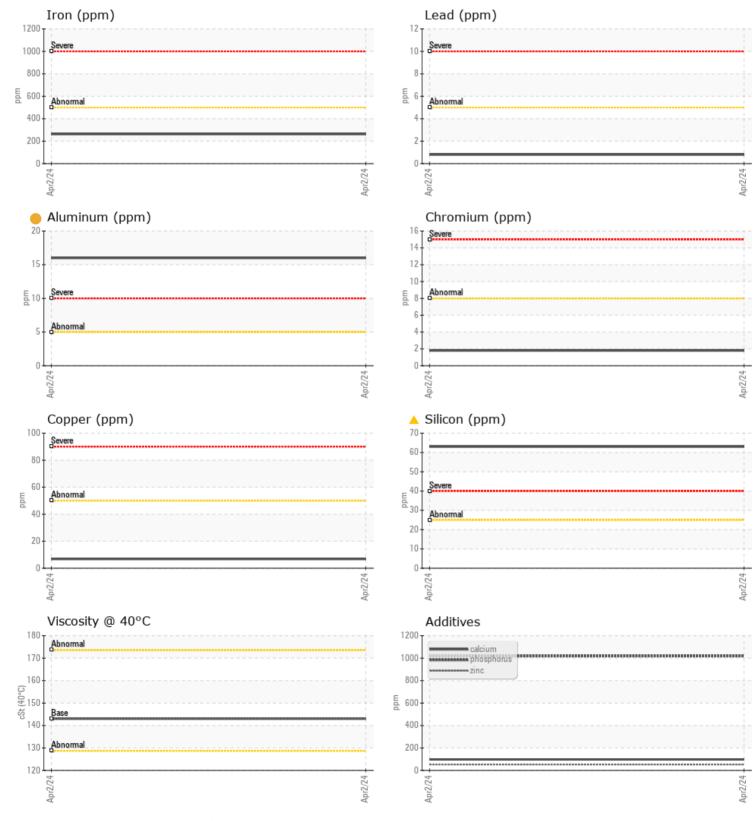
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SIMCHIIL [WUSCAR] 06152675 (Generated: 04/23/2024 04:14:12) Rev: 1

Contact/Location: RYAN WISE - SIMCHIIL Page 2 of 2