## LIEBHERR

**CONSTRUCTION EQUIPMENT** 

### L90 - Hydraulic System

Sample No: LH0265887
Oil Type: SAE 10W30

Copper

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Molybdenum

Lead

Tin

ppm

**3** 

**()** <1

**0** 

**2** 

**3** 

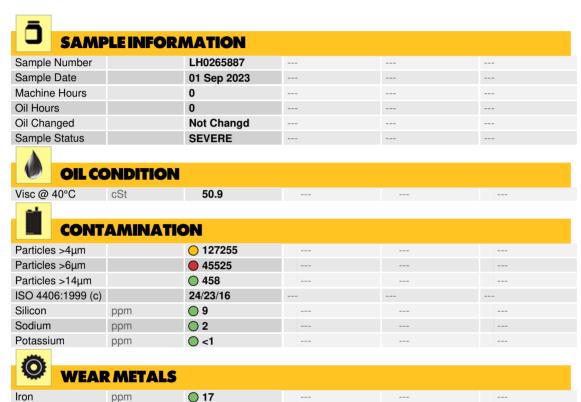
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Gerdau - Mandak Metal Processors Ltd., 1 Railway St., P.O. Box 334 Selkirk, MB

CA R1A 2B3

Contact: Rolyn De La Cruz rolyn.delacruz@gerdau.com

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#### Diagnosis

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

ADDITIVES							
Calcium	ppm	592					
Magnesium	ppm	<b>199</b>					
Zinc	ppm	<b>928</b>					
Phosphorus	ppm	<b>801</b>					
Barium	ppm	<b>0</b>					
Boron	ppm	<b>1</b>					

Depot: MANSEL
Unique No: 5642500
Signed: Kevin Marson
Report Date: 12 Sep 2023

# CONSTRUCTION EQUIPMENT





#### **GRAPHS**

