



[NACG] LIEBHERR LRH100 115117 - Hydraulic System

Sample No: LH0292294

Oil Type: LIEBHERR HYDRAULIC 37

	mple Infor	LH0292294	LH0070680	 	
Sample NumberLH0292294Sample Date04 Jul 2024		21 Mar 2013	 	LIEBHERR CANADA LTD.	
Machine Hours 5402		872	 	1015 SUTTON DRIVE	
Oil Hours 0			0	 	BURLINGTON, ON
Dil Hours Dil Changed		Not Changd	Changed	 	CA L7L 5Z8
Sample Status		SEVERE	ATTENTION	 	Contact: Steve Lehto
		SEVENE	ATTENTION	 	steve.lehto@liebherr.com
			T: (905)319-9222		
Oil	Condition	l			F: (905)319-6617
∕isc @ 40°C	cSt	40.6	35.8	 	
-					
Co	ntaminatio	on			Diagnosis
					Check seals and/or filters for poi
Nater	%	NEG	NEG	 	of contaminant entry. The air
Particles >4µm		• 48284	56218	 	breather requires service. If unra
Particles >6µm		0 4839	7334	 	we recommend that you replace a suitable micron rated and/or
Particles >14µm		0 179	0 142	 	desiccant air breather. If rated, v
SO 4406:1999	()	23/19/15	23/20/14	 	recommend that you service/rep
Silicon	ppm	06	0 4	 	the breather. We recommend yo
Sodium	ppm	01	0 2	 	service the filters on this compor
Potassium	ppm	○ <1	0	 	Resample in 30-45 days to moni
Ö w					this situation.All component wea
₩ We	ear Metals	5			rates are normal. There is a high amount of silt (particulates < 14
ron	ppm	6	2	 	microns in size) present in the oi
Copper	ppm	0 15	03	 	The oil is still serviceable provide
_ead	ppm	 <1	0 <1	 	that the contaminant(s) can be
Tin	ppm	0 <1	00	 	reduced to acceptable levels.
Aluminum	ppm	0 <1	0 <1	 	
Chromium	ppm	0 <1	0 <1	 	
Molybdenum	ppm	0 <1	0	 	
Nickel	ppm	○ <1	0	 	
Titanium	ppm	<1	0	 	
Silver	ppm	0	0	 	
Manganese	ppm	0	0	 	
Vanadium	ppm	0	0	 	
	ditives		·		
		0.001	0.00		
Calcium	ppm	0 864	386	 	
Magnesium Zinc	ppm	0 12	10	 	
	ppm	653	418	 	

Depot: LIEMIS Unique No: 5812334 Signed: Kevin Marson **Report Date:** 10 Jul 2024 Contact/Location: Steve Lehto - LIEMIS

0 581

<mark>()</mark> <1

0 16

339

4

12

Phosphorus

Barium

Boron

ppm

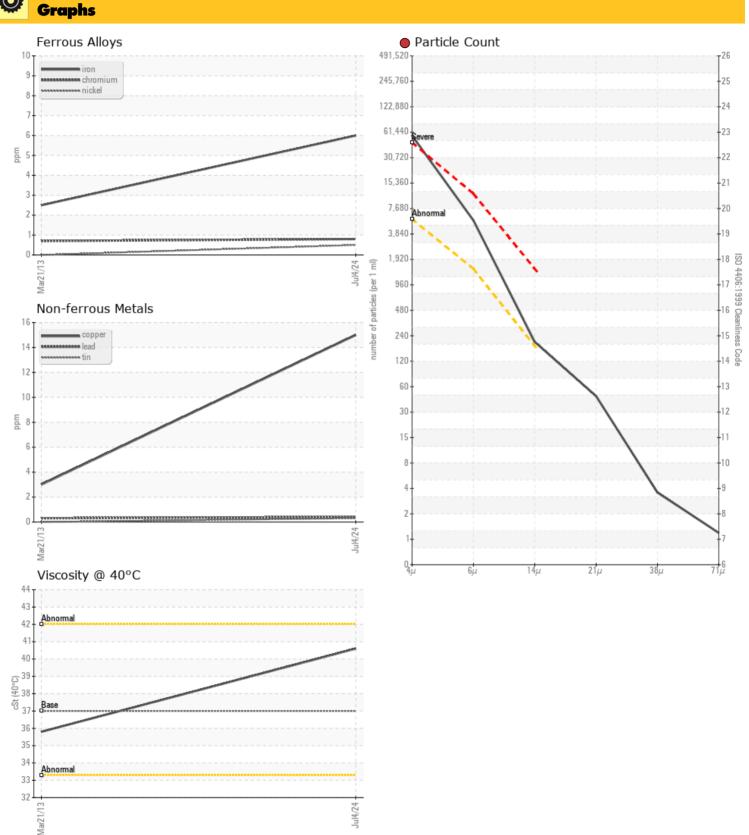
ppm

ppm

LEBHERR CONSTRUCTION EQUIPMENT



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