

## [(354194)] LIEBHERR LH40C 132159-1527 - Swing Drive

Sample No: LH0209428

49 NORTH SS 75W90 Oil Type:

**OIL CONDITION** 

Visc @ 40°C

88.8

SAMPLEINFORMATION						
Sample Number	LH0209428	LH0209419	LH0209410	LH0209392		
Sample Date	09 Feb 2024	19 Jul 2023	27 Jan 2023	12 Jul 2022		
Machine Hours	500	1000	1000	1000		
Oil Hours	0	0	0	0		
Oil Changed	Changed	Changed	Changed	Changed		
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL		





National Salvage Ltd. 206-33 Street N Lethbridge, AB CA T1H 3Z5 Contact: Service Manager

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# Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

CONTAMINATION						
Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	<b>0</b> <1	O <1	<b>1</b>	O <1	
Sodium	ppm	<b>0</b>	O <1	<b></b> <1	O <1	
Potassium	ppm	<b>1</b>	O <1	O <1	O <1	

93.4

<b>(</b> )					
WEA	R METALS				
Iron	ppm	<b>11</b>	<b>7</b>	O 25	○ 39
Copper	ppm	<b>10</b>	O 16	○ 30	O 44
Lead	ppm	<1	O <1	O <1	O 2
Tin	ppm	<b>0</b>	0	O <1	O <1
Aluminum	ppm	○ <1	0	O 0	0
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>2</b>	O 2	0	0
Nickel	ppm	<b>○</b> <1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	0	0	0	0

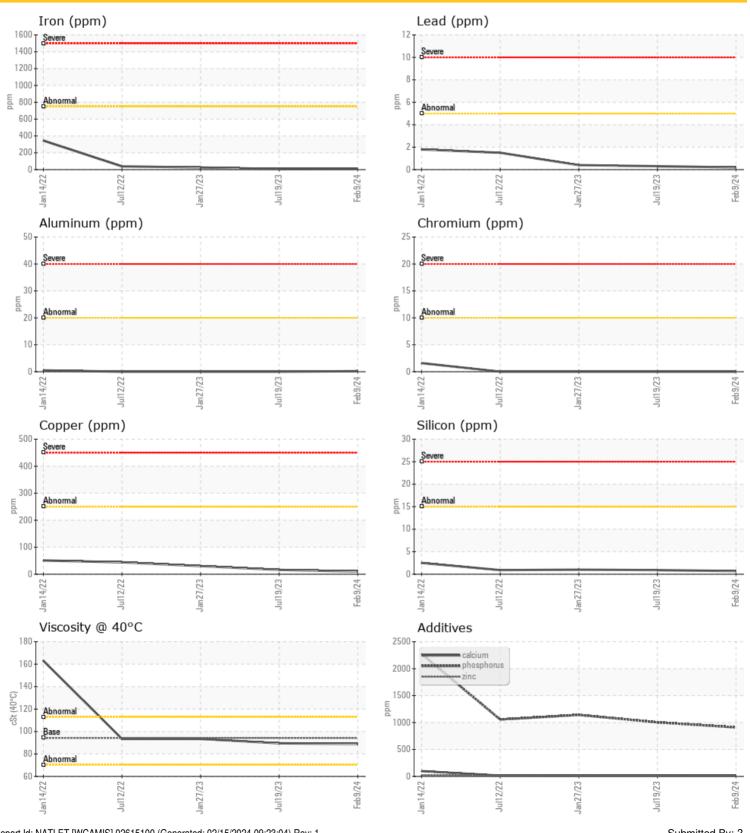
variadium	ppiii	U	U	U	U
ADDITIVES					
Calcium	ppm	<b>7</b>	<b>9</b>	7	14
Magnesium	ppm	<b>0</b> <1	O <1	<1	<1
Zinc	ppm	<b>4</b>	<b>6</b>	7	7
Phosphorus	ppm	<b>910</b>	<b>1004</b>	1141	1056
Barium	ppm	<b>0</b>	O 0	<1	2
Boron	ppm	<b>115</b>		230	104

Depot: NATLET Unique No: 5724195 Signed: Wes Davis **Report Date:** 13 Feb 2024





### **GRAPHS**



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Submitted By: ?