BHERR **CONSTRUCTION EQUIPMENT**

LIEBHERR R936 040309-1148 - Swing Drive

0 12

0 <1

Sample No: LH0221849

%

ppm

ppm

Water

Silicon

Sodium

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

-								
	PLE INFOR	MATION						
Sample Number		LH0221849	LH0215078	LH0119398	LH0110781			
Sample Date		10 Mar 2022	17 Nov 2021	07 May 2018	30 Aug 2017			
Machine Hours		8718	8375	4983	3951			
Oil Hours		0	0	0	0			
Oil Changed		N/A	Changed	Changed	Changed			
Sample Status		NORMAL	SEVERE	NORMAL	NORMAL			
OIL CO	ONDITION	1						
Visc @ 40°C	cSt	102	0 143	98.8	0 135			

0 1.636

01

07

○ <1

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0 12

0 16

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RICHMOND STEEL RECYCLING

11760 MITCHELL ROAD RICHMOND, BC CA V6V 1V8 Contact: Aaron Kaetler AKaetler@richmondsteel.ca T: F: (604)324-8617

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.

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Potassium	ppm	08	0 834	87	◯ 331	
~						
	AR META	16				
		13				
PQ			0			
Iron	ppm	0 20	2799	205	99	
Copper	ppm	02	0 354	60	37	
Lead	ppm	○ <1	0 11	02	0 1	
Tin	ppm	○ <1	0 6	○ <1	◯ <1	
Aluminum	ppm	0 🔘	0 2	0	0	
Chromium	ppm	○ <1	33	3	2	
Molybdenum	ppm	0 ()	0 2	◯ <1	◯ <1	
Nickel	ppm	○ <1	2	◯ <1	◯ <1	
Titanium	ppm	0	0	0	0	
Silver	ppm	0	<1	<1	0	
Manganese	ppm	○ <1	23	2	◯ <1	
Vanadium	ppm	0	<1	0	0	
	DITIVES					
Calcium	ppm	0 14	0 108	29	0 46	
Magnesium	ppm	01	6	0 1	0	
Zinc	ppm	0 25	0 45	20	18	
Phosphorus	ppm	0 1239	552	0 1088	0 434	
Barium	ppm	0	0	0	0	
Boron	ppm	0 257	668	0 32	220	

RIC117RIC Depot: Unique No: 5372058 Signed: Wes Davis Report Date: 23 Mar 2022

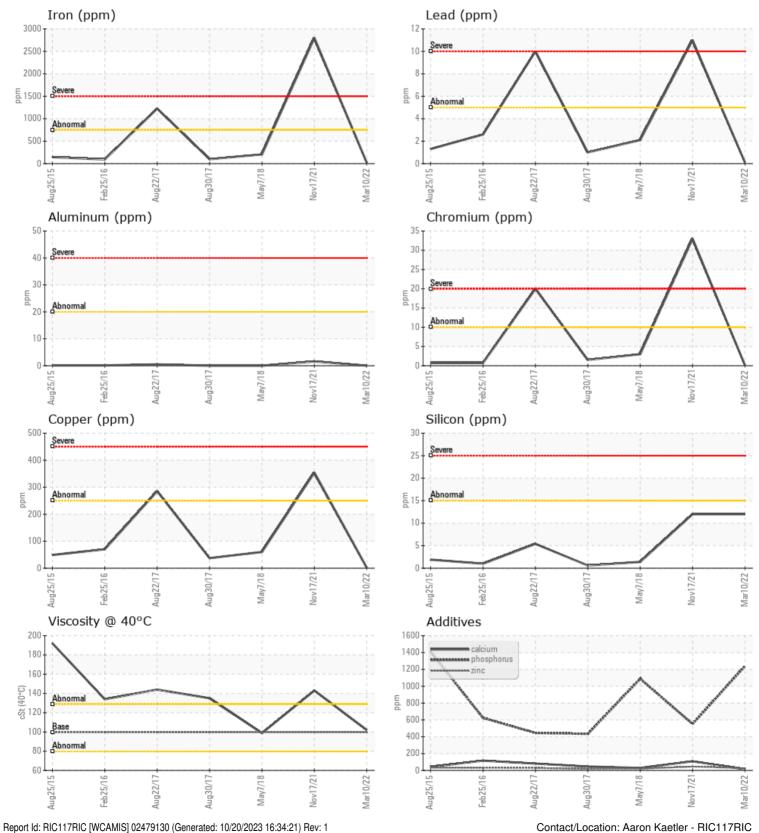






GRAPHS

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alion. Aaron Kaeller - RIGTT/RIG