3 I E R R E **CONSTRUCTION EQUIPMENT**

LIEBHERR LH22M 110435-1250 - Swing Drive

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0288031

Oil Type:

-						ľ
San	nple Infor	rmation				
Sample Number		LH0288031	LH0283996	LH0260473	LH0234095	- 1940
Sample Date		30 May 2024	31 Jan 2024	14 Aug 2023	07 Mar 2023	ECOWAS
Machine Hours		13142	12137	11129	10153	4 SPRUCE
Oil Hours		0	0	0	0	NEW WES
Oil Changed		Changed	Changed	Changed	Changed	CA V3L 5
Sample Status		SEVERE	ABNORMAL	NORMAL	SEVERE	Contact: S
	Condition					T:
			0.400	0.400	0.450	F:
/isc @ 40°C	cSt	0 107	0 109	0 109	0 152	
						Diagnos
Con	taminati	on				-
Vater	%	0.645	NEG	NEG	NEG	We advise source of
Silicon	ppm	0 5	0 5	07	31	at the time
Sodium	ppm	○ 0	0 <1	01	03	noted. We
Potassium	ppm	0	01	0 <1	01	resample
	pp		0.		<u> </u>	condition.
	ar Metals	_				The low fe
we we	ar metais	5				indicates
۶Q		0	0	0	3	due to con moderate
ron	ppm	— 1157	0 444	691	838	present in
Copper	ppm	0 72	32	67	0 140	serviceab
ead	ppm	0 2	○ <1	02	04	abnormal
Гin	ppm	04	2	3	0 11	
Aluminum	ppm	○ <1	○ <1	01	04	
Chromium	ppm	8 🔘	0 4	6	8	
Molybdenum	ppm	0 ()	0	○ <1	○ <1	
Vickel	ppm	0	○ <1	0	○ <1	
Fitanium	ppm	<1	0	0	<1	
Silver	ppm	0	0	0	0	
Manganese	ppm	07	2	5	07	
/anadium	ppm	0	0	0	0	
Add	litives					
				0.47	0.10	
Calcium	ppm	8	08	0 17	0 16	
Magnesium	ppm	02	01	01	○ <1	
Zinc	ppm	0 23	0 17	20	26	
Phosphorus	ppm	0 1297	0 1330	0 1446	0 1867	
Barium	ppm	0 <1	0	○ <1	○ <1	
Boron	ppm	0 101	0 115	0 145	104	





INDUSTRIES IINSTER, BC ice Manager

at you check for the ter entry. The oil change sampling has been commend an early nonitor this ppm levels are severe. us density (PQ) index wear metal levels are ion. There is a ncentration of water oil. The oil is no longer as a result of the d/or severe wear.

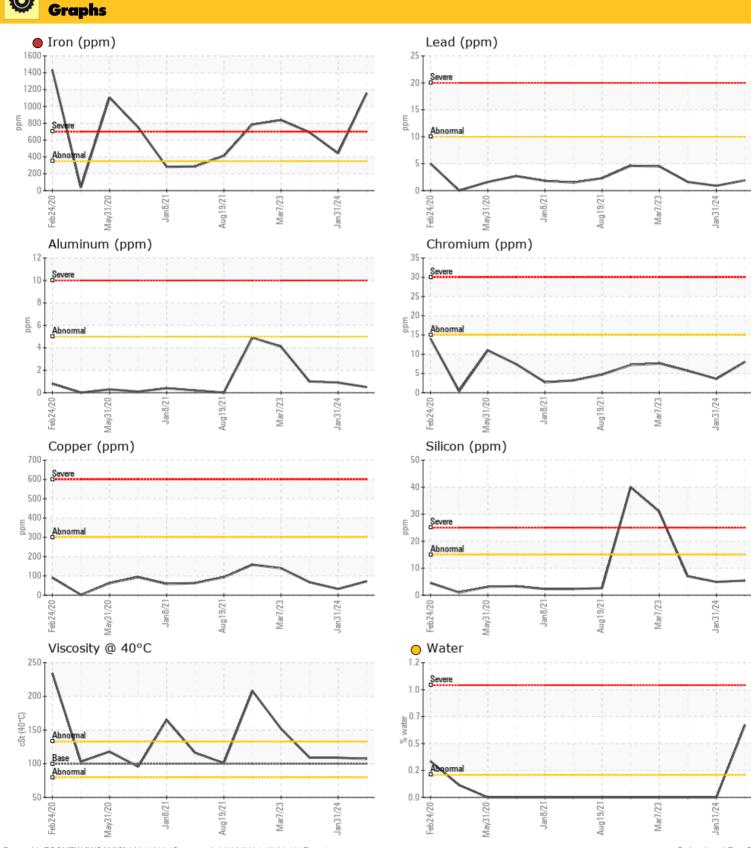
Depot: Unique No: Signed: **Report Date:**

ECONEW 5799044 Kevin Marson 13 Jun 2024 Submitted By: ?



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Report Id: ECONEW [WCAMIS] 02641505 (Generated: 06/13/2024 17:20:10) Rev: 1