

LIEBHERR R934C 037803-027 - Swing Drive

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

Ō Sam	ple Infor	mation				
Sample Number		LH	LH0265733	LH	LH	
Sample Date		15 Apr 2024	31 Jul 2023	28 Apr 2023	21 Jul 2022	Urban Mine
Machine Hours		22505	20960	0	0	72 Rothwell Ro
Oil Hours		0	0	0	0	Winnipeg, MB
Oil Changed		Changed	Changed	Changed	Changed	CA R3P 2H7
Sample Status		ATTENTION	NORMAL	ABNORMAL	ABNORMAL	Contact: SER\
	ondition					T: (204)774-01
Visc @ 40°C	cSt	157	0 104	99.8	0 105	F:
	001	107	0 104	0 00.0	0105	
						Diagnosis
Con	taminati	on				Confirm the se
Water	%	NEG	NEG	NEG	NEG	being utilized
Silicon	ppm	0 2	02	5	04	Resample at
Sodium	ppm	○ <1	◯ <1	◯ <1	01	to monitor.Co
Potassium	ppm	0 ()	○ <1	0 1	◯ <1	are noted. All
Ø Wee	ar Metals	5				rates are norm indication of a oil. Additive le
PQ				0 0		addition of a c
Iron	ppm	0 217	0 341	0 1459	0 1240	of oil. Viscosit
Copper	ppm	0 251	0 42	0 154	0 187	oil is within S/ investigate. T
Lead	ppm	6	01	0 4	09	acceptable fo
Tin	ppm	0 15	0 <1	03	04	
Aluminum	ppm	0 <1	0 <1	0 <1	0 <1	
Chromium	ppm	01	0 5	0 15	0 13	
Molybdenum	ppm	0	0 <1	○ <1	0 <1	
Nickel	ppm	0 <1	0 <1	0 2	01	
Titanium	ppm	0	0	0	0	
Silver	ppm	0	0	0	0	
Manganese	ppm	02	03	0 12	0 12	
Vanadium	ppm	0	0	0	0	
	itives			-		
Calcium	ppm	04	0 10	0 10	0 10	
Magnesium	ppm	0 2	0 <1	◯ <1	0 <1	
Zinc	ppm	0 16	0 11	20	25	
Phosphorus	ppm	2080	0 1237	0 1303	0 1249	
Barium	ppm	0	0	0	0	
Boron	ppm	94	0 216	200	0 106	





d. VICE

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ource of the lubricant for top-up/fill. the next service interval pper and tin ppm levels other component wear mal. There is no any contamination in the evels indicate the different brand, or type ty of sample indicates AE 90 range, advise he condition of the oil is r the time in service.

Depot: URBWIN Unique No: 5763438 Signed: Kevin Marson Report Date: 19 Apr 2024 Submitted By: Vincent Blanchette

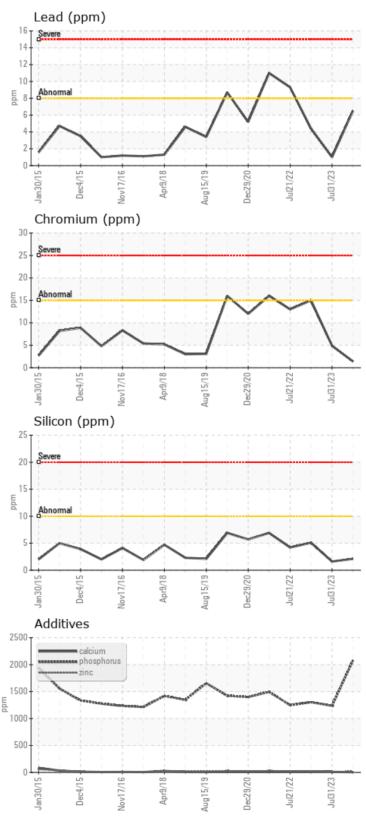


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Graphs



Iron (ppm) 2500 Seven 2000 1500 Abnorma bpm 1000 500 0. Jul31/23 -Dec4/15 Apr9/18 -Aug15/19. Jul21/22 Jan 30/15 Dec29/20 Vov17/16 Aluminum (ppm) 12 Sev 10 8 ppm 6 Abnorma 4 2 0 Jul21/22 Jul31/23 Dec4/15 Apr9/18 Jan 30/15 Vov17/16 Aug 15/19 Jec29/20 Ocopper (ppm) 700 600 500 Abnorma 400 법 300 200 100 0 Dec4/15 -Apr9/18 -Jul21/22 -Jul31/23 -Jan30/15 Nov17/16 Aug15/19. Dec29/20 Viscosity @ 40°C 180 160 140 (0-0+) 120 Al Ba 100 Abnorma 80 60 Apr9/18. Jul21/22. Jul31/23 Jan 30/15 Dec4/15 Nov17/16 Aug15/19 Dec29/20 Report Id: URBWIN [WCAMIS] 02630306 (Generated: 04/22/2024 16:11:12) Rev: 1



Submitted By: Vincent Blanchette