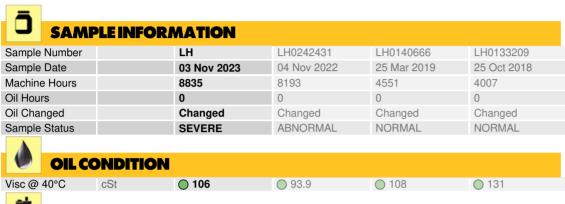
LIEBHERR

CONSTRUCTION EQUIPMENT

041151-1148 - Splitter Box

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



CONT	AMINATIO	N			
Water	%	1.587			
Silicon	ppm	4		6	9
Sodium	ppm	3	O 1	O 1	O 2
Potassium	ppm	2	3	5	7

WEAR METALS							
PQ			O 11		O 71		
Iron	ppm	46	310	8 3	O 140		
Copper	ppm	1	3	O 1	O 2		
Lead	ppm	O <1	O 2	<1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	O <1		
Tin	ppm	0	O 0	O 0	O 0		
Aluminum	ppm	5	0 8	4	6		
Chromium	ppm	() <1	4	1	O 2		
Molybdenum	ppm	0	O 0	<1	O 0		
Nickel	ppm	() <1	O 2	<1	O <1		
Titanium	ppm	0	<1	0	0		
Silver	ppm	<1	0	0	0		
Manganese	ppm	0	O 3	1	O 2		
Vanadium	ppm	0	0	0	0		

	le le							
ADDITIVES								
ADDITIVES								
Calcium	ppm	29	O 24	O 22	O 13			
Magnesium	ppm	4	O 2	O 11	3			
Zinc	ppm	25	O 62	○ 32	O 23			
Phosphorus	ppm	1196	1240	O 1117	O 1065			
Barium	ppm	0 <1	O <1	0	O <1			
Boron	ppm	59	19	246	200			



Delsan - American Iron and Metal 2187 Montee Masson Laval, QC

CA H7B 0A6

Contact: MANNY MARQUES mmarques@delsan-aim.com

T: F:

Diagnosis

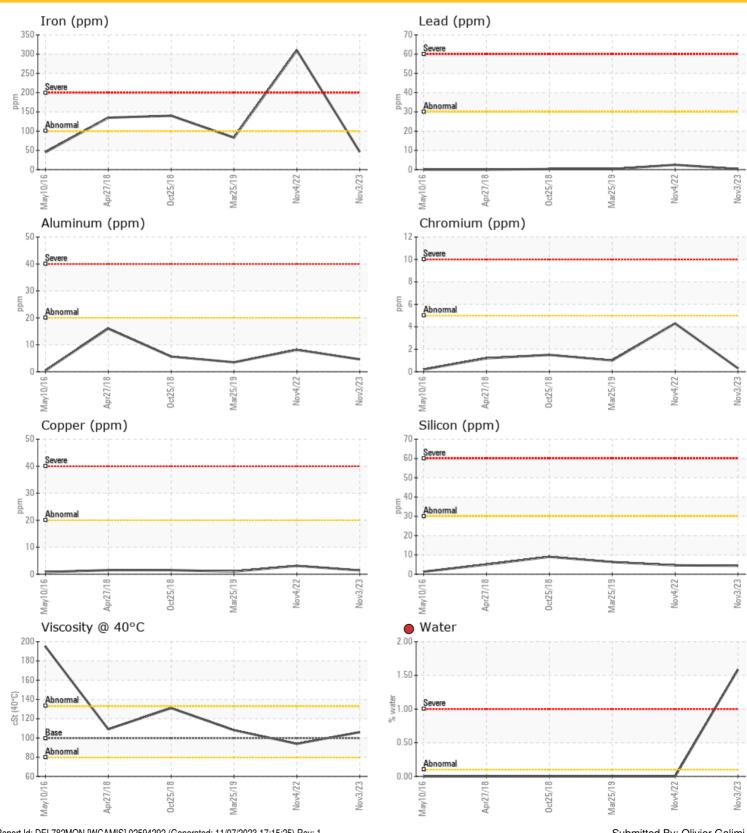
We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:DEL782MONUnique No:5671371Signed:Kevin MarsonReport Date:07 Nov 2023





GRAPHS



Report Id: DEL782MON [WCAMIS] 02594292 (Generated: 11/07/2023 17:15:25) Rev: 1

Submitted By: Olivier Galimi