LIEBHERR

CONSTRUCTION EQUIPMENT

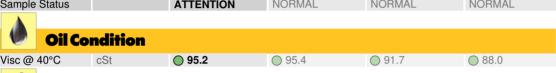




Sample No: LH0237473

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample Information						
Sample Number	LH0237473	LH0242012	LH0237460	LH0237447		
Sample Date	23 Apr 2024	28 Nov 2023	08 Aug 2023	11 Jan 2023		
Machine Hours	3501	2960	2194	1026		
Oil Hours	0	0	0	0		
Oil Changed	Changed	Changed	Changed	Changed		
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL		



Contamina	ontamination					
Water %	NEG	NEG	NEG	NEG		
Silicon ppm	26	O 4	3	5		
Sodium ppm	2	0 8	9	16		
Potassium ppm	○ <1	O <1	<1	O 1		

(0)						
Wea	r Metals					
Iron	ppm	11	○ 344	O 135	O 91	
Copper	ppm	○ <1	2 0	29	○ 33	
Lead	ppm	0	O <1	<1	O <1	
Tin	ppm	0	O <1	O <1	O <1	
Aluminum	ppm	 <1	O 2	O 1	O 1	
Chromium	ppm	0	O 1	<1	O <1	
Molybdenum	ppm	59	0	0	0	
Nickel	ppm	0	O <1	O	O <1	
Titanium	ppm	0	0	0	O 0	
Silver	ppm	0	<1	0	0	
Manganese	ppm	 <1	3	O 2	O 1	
Vanadium	ppm	0	0	0	0	

Vanadium	ppm	0	0	0	0
WI .					
Add	litives				
Calcium	ppm	1061	193	464	1222
Magnesium	ppm	971	O 4	4	5
Zinc	ppm	1153	O 79	214	480
Phosphorus	ppm	983	O 1254	O 1263	O 1258
Barium	ppm	0	4	O 2	02
Boron	ppm	 <1	O 225	190	170



SILVERFOX EXCAVATION LTD.

66037 OGILVIEW DR.

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Contact: Service Manager

T: F:

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill.

Resample at the next service interval

to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot:SILHOPUnique No:5774000Signed:Kevin MarsonReport Date:02 May 2024

CONSTRUCTION EQUIPMENT





Graphs

