

LIEBHERR A934 060317 - Pump Drive

Sample No: LH0224887

Oil Type:

SAMPLE INFORMATION

Sample Number	LH0224887	LH0224890	
Sample Date	08 May 2023	09 Jun 2022	
Machine Hours	12455	11065	
Oil Hours	0	0	
Oil Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	
X			

PETRO CANADA TRAXON 75W90 SYNTHETIC

OIL CONDITION

Visc @ 40°C

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98.2 cSt

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CONT	'AMINATI	ON		
Silicon	ppm	5	5	
Sodium	ppm	2	06	
Potassium	ppm	3	0 16	

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WE/	AR META	LS		
Iron	ppm	0 19	54	
Copper	ppm	<1	0 2	
Lead	ppm	01	0 4	
Tin	ppm	0	◯ <1	
Aluminum	ppm	01	2	
Chromium	ppm	0	<1	
Molybdenum	ppm	○ <1	1	
Nickel	ppm	○ <1	<1	
Titanium	ppm	<1	<1	
Silver	ppm	0	<1	
Manganese	ppm	○ <1	2	
Vanadium	ppm	0	0	



Calcium	ppm	0 21	39	
Magnesium	ppm	4	18	
Zinc	ppm	3 9	98	
Phosphorus	ppm	0 1308	1156	
Barium	ppm	○ <1	4	
Boron	ppm	0 258	63	





RICHMOND STEEL

12707 170 STREET EDMONTON, AB CA T5V 1L9 Contact: Sandor Arguello

T: (780)447-3391 F:

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.

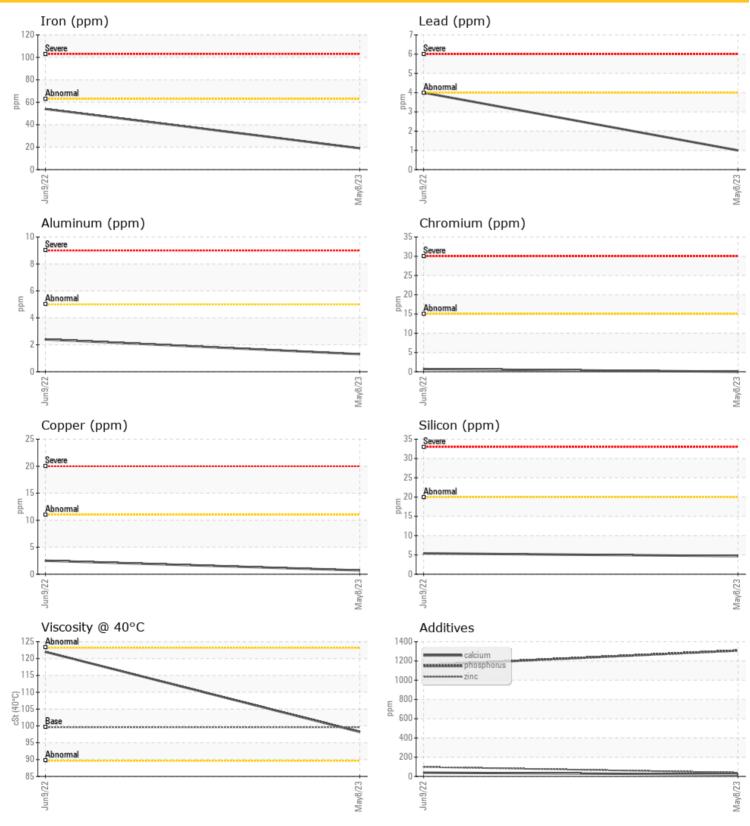
Depot:	RICEDM
Unique No:	5577360
Signed:	Wes Davis
Report Date:	09 May 2023

CONSTRUCTION EQUIPMENT



GRAPHS

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Contact/Location: Sandor Arguello - RICEDM