BHERR F **CONSTRUCTION EQUIPMENT**

102383 - Diesel Engine

LH0250850 Sample No:

Oil Type:

PETRO CANADA 10W30

0 11.5

73

SAMPLE INFORMATION						
Sample Number	LH0250850	LH0202375				
Sample Date	20 Sep 2023	24 Sep 2021				
Machine Hours	4142	2934				
Oil Hours	0	0				
Oil Changed	Changed	Changed				
Sample Status	NORMAL	NORMAL				

OIL CONDITION Visc @ 100°C cSt %

Oxidation (PA) - B

CON	ramin/	ATION		
Soot %	%	0	0	
Nitration (PA)	%	68	63	
Sulfation (PA)	%	56	53	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	07	6	
Sodium	ppm	0 4	2	
Potassium	ppm	0	01	

0 13.1

59

WEAR METALS

Iron	ppm	02	3	
Copper	ppm	○ <1	01	
Lead	ppm	◯ <1	◯ <1	
Tin	ppm	0	○ <1	
Aluminum	ppm	○ <1	0 1	
Chromium	ppm	0 🔘	○ <1	
Molybdenum	ppm	0 61	50	
Nickel	ppm	0 🔘	○ <1	
Titanium	ppm	0	0	
Silver	ppm	○ <1	<1	
Manganese	ppm	0	◯ <1	
Vanadium	maa	0	0	

0

ADDITIVES						
Calcium	ppm	0 816	0 1197			
Magnesium	ppm	0 1085	864			
Zinc	ppm	0 1200	0 1201			
Phosphorus	ppm	0 1009	0 1040			
Barium	ppm	○ <1	0			
Boron	ppm	0 40	0 11			





American Iron and Metal

75 Steel City Court Hamilton, ON CA L8H 3Y2 Contact: Heavy Equipment hamiltonmobileassetmaintenance@aim-recycling.com T: (905)547-5533 F: (905)544-5671

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.

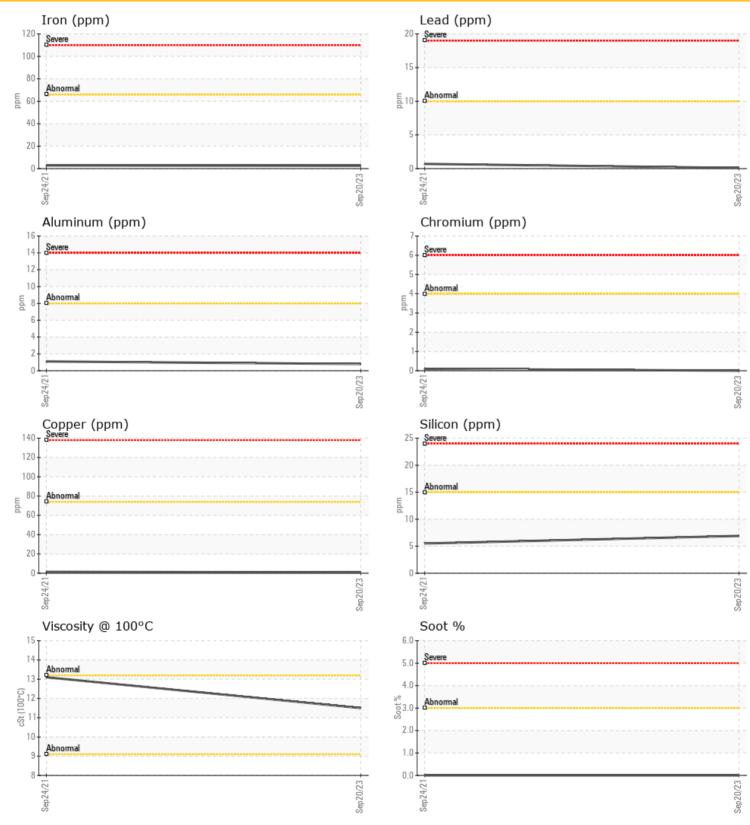
Depot: AMEHAM Unique No: 5656161 Signed: Kevin Marson Report Date: 05 Oct 2023





GRAPHS

 \odot



Report Id: AMEHAM [WCAMIS] 02587095 (Generated: 10/05/2023 16:57:10) Rev: 1

Contact/Location: Heavy Equipment ? - AMEHAM