LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LHMC79922

Oil Type: GEAR OIL SAE 80W90

SAMPLEINFORMATION							
Sample Number	LHMC79922	LHMC107721	LHMC84664				
Sample Date	16 Jun 2021	18 Nov 2020	03 Apr 2020				
Machine Hours	4478	3111	1846				
Oil Hours	0	0	0				
Oil Changed	Changed	Changed	Changed				
Sample Status	NORMAL	NORMAL	NORMAL				
A							

Sample Status		NORMAL	NORMAL	NORMAL	
OILCO	NDITION				
Visc @ 40°C	cSt	104	134	O 142	
*					

CONTAMINATION							
Silicon	ppm	2	O <1	O 2			
Sodium	ppm	2	O 2	O 2			
Potassium	ppm	0 <1	O 0	O 0			

(O) WEA					
WEA	R METALS				
Iron	ppm	13	2 0	O 17	
Copper	ppm	9	O 18	10	
Lead	ppm	0	O 0	O 0	
Tin	ppm	0	O 0	O 0	
Aluminum	ppm	0	O <1	<1	
Chromium	ppm	 <1	O <1	O <1	
Molybdenum	ppm	 <1	O <1	<1	
Nickel	ppm	 <1	O <1	<1	
Titanium	ppm	0	0	O	
Silver	ppm	<1	0	0	
Manganese	ppm	 <1	O <1	<1	
Vanadium	ppm	0	0	0	

ADDITIVES							
Calcium	ppm	9	O 17	O 21			
Magnesium	ppm	2	02	4			
Zinc	ppm	0	15	16			
Phosphorus	ppm	455	○ 890	970			
Barium	ppm	24	O 143	O 174			
Boron	ppm	14	O 52	O 61			



RIVER METALS RECYCLING - LOUISVILLE PO BOX 6521 LOUISVILLE, KY US 40206

Contact: RYAN BOWDEN

Т

F: (502)587-8699

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

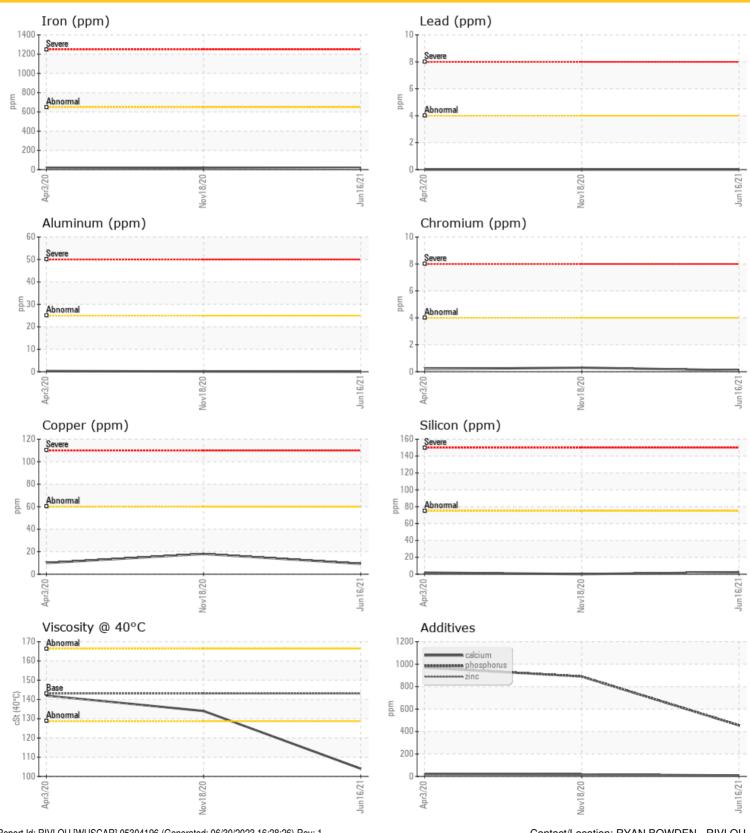
Depot:RIVLOUUnique No:9583156Signed:Don BaldridgeReport Date:18 Jul 2021

Contact/Location: RYAN BOWDEN - RIVLOU





GRAPHS



Report Id: RIVLOU [WUSCAR] 05304196 (Generated: 06/30/2023 16:28:26) Rev: 1

Contact/Location: RYAN BOWDEN - RIVLOU