CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 138696-1253 - Swing Drive

Sample No: LH0279137

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH0279137	LH0256072	LH0250759	
Sample Date	26 Jan 2024	14 Jun 2023	15 Feb 2023	
Machine Hours	3129	1925	1202	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	

175

OIL CONDITION Visc @ 40°C cSt 176 181

CONTAMINATION Water % NEG NEG NEG Silicon 04 ppm 05 1 \bigcirc Sodium 02 05 03 ppm Potassium 02 02 ppm ○ <1

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WEAR METALS							
Iron	ppm	241	04	0 178			
Copper	ppm	0 146	○ <1	72			
Lead	ppm	4	0	2			
Tin	ppm	8 🔘	0	5			
Aluminum	ppm	01	○ <1	01			
Chromium	ppm	02	0	01			
Molybdenum	ppm	0	0	0			
Nickel	ppm	<mark>○</mark> <1	○ <1	◯ <1			
Titanium	ppm	0	0	0			
Silver	ppm	0	0	0			
Manganese	ppm	02	◯ <1	2			
Vanadium	ppm	0	0	0			

ADDITIVES						
Calcium	ppm	28	0 10	0 46		
Magnesium	ppm	01	0 4	01		
Zinc	ppm	42	0 14	50		
Phosphorus	ppm	2166	2298	2354		
Barium	ppm	0 5	0	6		
Boron	ppm	08	01	8		





METAUX 139 INC. 86 RTE MARIE-VICTORIN PIERREVILLE, QC CA JOG 1J0 Contact: Service Manager

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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.

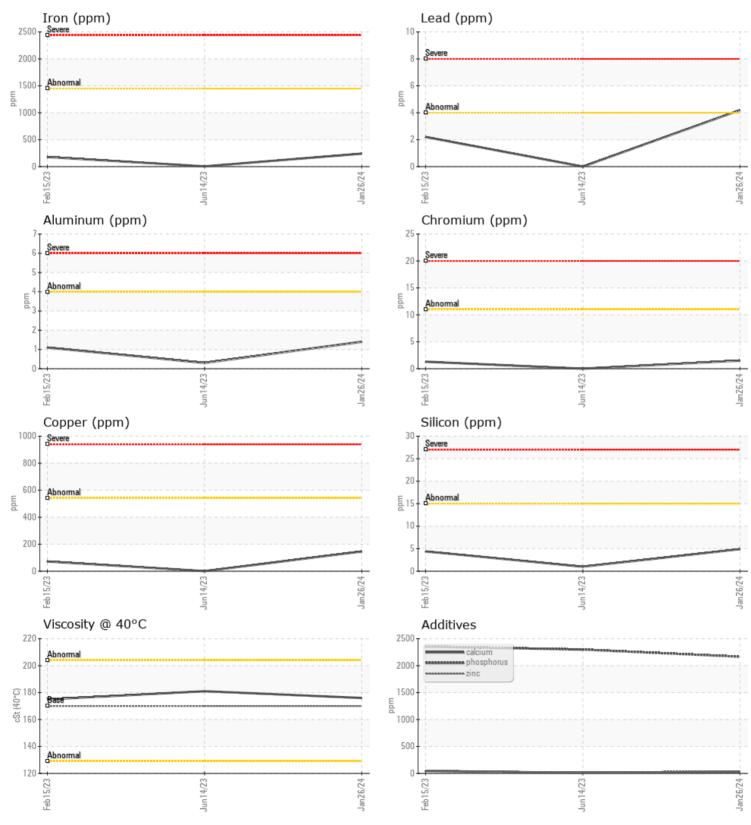
Depot:MET126WICUnique No:5721303Signed:Bill QuesnelReport Date:31 Jan 2024





GRAPHS

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