LIEBHERR

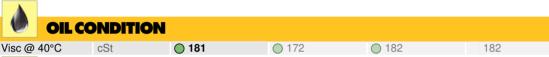
CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 138696-1253 - Splitter Box

Sample No: LH0279138

Oil Type: LIEBHERR GEAR BASIC 90 LS

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SAMPLE INFORMATION					
Sample Number	LH0279138	LH0274186	LH0256071	LH0250871	
Sample Date	26 Jan 2024	26 Sep 2023	14 Jun 2023	12 Feb 2023	
Machine Hours	3129	2491	1925	1202	
Oil Hours	0	0	0	0	
Oil Changed	Changed	Changed	Changed	Changed	
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL	
OII CONDI	TION				



CONTAMINATION							
Water	%	NEG	NEG	NEG	NEG		
Silicon	ppm	40	O 2	O <1	O <1		
Sodium	ppm	2	O 2	O 2	02		
Potassium	ppm	0 <1	O <1	1	O <1		

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WEA	R METAL	5			
Iron	ppm	17	4	4	0 8
Copper	ppm	1	O <1	O <1	O <1
Lead	ppm	() <1	O <1	O 0	0
Tin	ppm	0	O 0	0	0
Aluminum	ppm	 <1	O <1	O <1	0
Chromium	ppm	() <1	O 0	O 0	0
Molybdenum	ppm	1	4	O 0	0
Nickel	ppm	○ <1	O 0	O <1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	O 0	O <1	O <1
Vanadium	ppm	0	0	0	0

Vanadium	ppm	0	0	Ü	0	
0						
ADDITIVES						
Calcium	ppm	39	76	10	10	
Magnesium	ppm	33	70	4	O <1	
Zinc	ppm	48	98	O 15	O 12	
Phosphorus	ppm	2151	2288	2295	2098	
Barium	ppm	0	O <1	O	O 0	
Boron	ppm	0 <1	O 2	1	<1	



METAUX 139 INC. 86 RTE MARIE-VICTORIN PIERREVILLE, QC CA J0G 1J0 Contact: Service Manager

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Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of dirt present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:MET126WICUnique No:5721300Signed:Bill QuesnelReport Date:31 Jan 2024

LIEBHERR





GRAPHS

