

# LIEBHERR L586 76207 - Splitter Box

Sample No: LH0284805

**Oil Type:** LIEBHERR GEAR BASIC 90 LS

### **Sample Information**

Sample Number	LH0284805	 	
Sample Date	06 Jun 2024	 	
Machine Hours	560	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	ABNORMAL	 	

Oil Co	ndition			
Visc @ 40°C	cSt	0 173	 	
Visc @ 100°C	cSt	0 15.9	 	
Viscosity Index (VI)	Scale	94	 	

1	Water	

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Con	taminati	on		
Water	%	NEG	 	
Silicon	ppm	<mark>()</mark> <1	 	
Sodium	ppm	08	 	
Potassium	ppm	06	 	

Wear	r Metals			
Iron		0 164		
Iron	ppm	<b>0</b> 164	 	
Copper	ppm	<b>○</b> <1	 	
Lead	ppm	0	 	
Tin	ppm	0 🔘	 	
Aluminum	ppm	04	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	01	 	
Nickel	ppm	<mark>()</mark> 17	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	04	 	
Vanadium	ppm	0	 	

# **Additives**

Calcium	ppm	62	 	
Magnesium	ppm	<b>0</b> 19	 	
Zinc	ppm	<b>0</b> 191	 	
Phosphorus	ppm	<b>2106</b>	 	
Barium	ppm	<b>1</b> 3	 	
Boron	ppm	01	 	





#### MODERN CONSTRUCTION (1983) LTD.

364 BRIGGS CROSS ROAD STILESVILLE, NB CA E1G 3G3 Contact: Blaine Cail blaine.cail@moderngroup.ca T: F:

## Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Nickel ppm levels are abnormal. Component wear metal level(s) high for break in. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

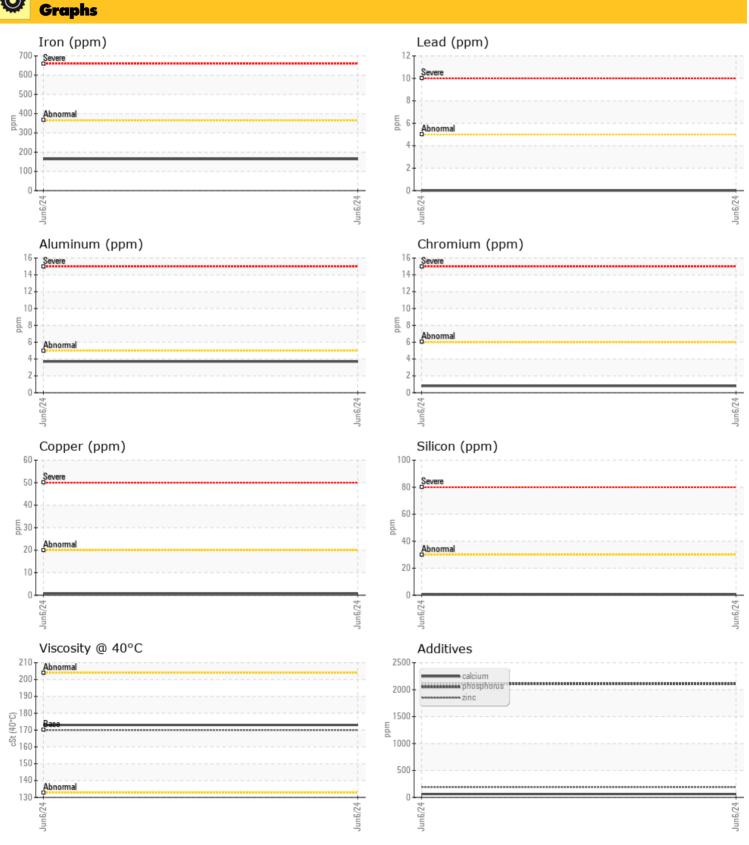
Depot: MODSTI Unique No: 5799480 Signed: Kevin Marson Report Date: 17 Jun 2024 Contact/Location: Blaine Cail - MODSTI

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