



LIEBHERR L566 077068-1758 - Front Left Wheel Hub

Sample No: LH0290876

Oil Type:

GEAR OIL SAE 80W90

0 192

Sample Information

Sample Number	LH0290876	 	
Sample Date	13 Jun 2024	 	
Machine Hours	0	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	ABNORMAL	 	

Oil Condition

Vian @ 100

cSt

150	w	40	U

Con	taminati	on		
Water	%	NEG	 	
Silicon	ppm	0 32	 	
Sodium	ppm	8 🔘	 	
Potassium	maa	02	 	

Ä				
Wear	r Metals			
PQ		691	 	
Iron	ppm	567	 	
Copper	ppm	<mark>()</mark> 162	 	
Lead	ppm	04	 	
Tin	ppm	<mark>()</mark> 11	 	
Aluminum	ppm	02	 	
Chromium	ppm	04	 	
Molybdenum	ppm	0	 	
Nickel	ppm	<mark>()</mark> 10	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	34	 	
Vanadium	ppm	0	 	

٥ **Additives** Calcium ppm 06 Magnesium 05 ppm Zinc ppm 0 40 Phosphorus 0 2232 ppm Barium 0 <1 ppm Boron ppm 03



Sintra Inc. (division Ouest)

9975 rue de Chateauneuf, Local B Brossard, QC CA J4Z 3V6 Contact: Service Manager jonathan.smith@sintra.ca T: F:

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please

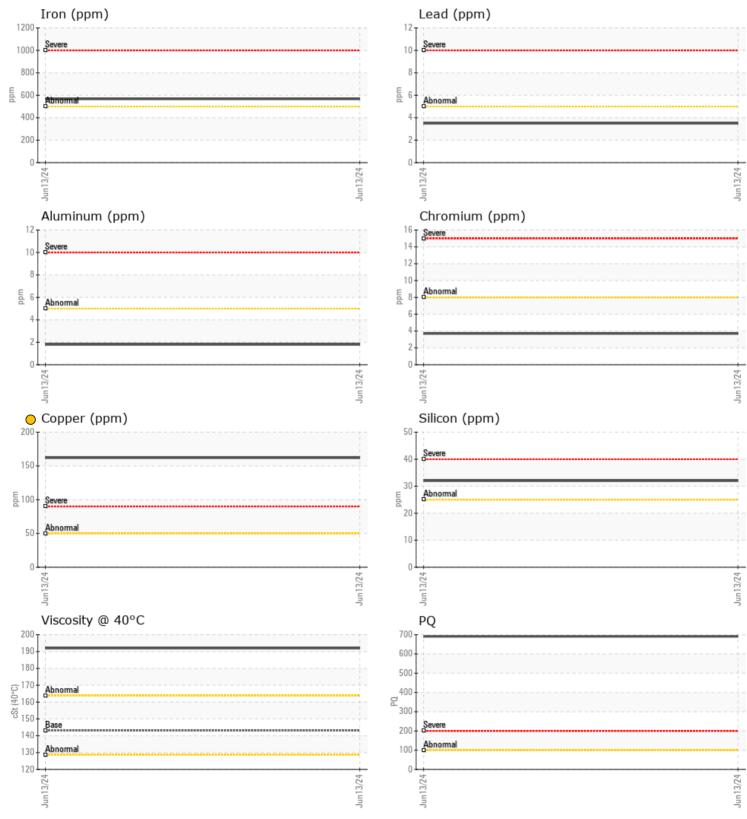
confirm.Copper, nickel and tin ppm levels are abnormal. Bearing and/or bushing wear is indicated. We have assumed that this component is not breaking in (age of component not reported). There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: Unique No: Signed: **Report Date:** SINBRO 5799623 Kevin Marson 17 Jun 2024 Submitted By: ?





Graphs



Report Id: SINBRO [WCAMIS] 02642084 (Generated: 06/17/2024 07:55:13) Rev: 1