

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 21066 - Front Left Wheel Hub

Sample No: LH0186873
 Oil Type: GEAR OIL SAE 80



SAMPLE INFORMATION

Sample Number	LH0186873	LH0162859	---	---
Sample Date	06 Jul 2023	09 May 2022	---	---
Machine Hours	18165	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

CLOUTHIER VENTURES LTD.
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 PEMBROKE, ON
 CA K8A 0A6
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OIL CONDITION

Visc @ 40°C	cSt	94.1	86.9	---	---
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CONTAMINATION

Silicon	ppm	4	5	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

PQ		---	54	---	---
Iron	ppm	647	923	---	---
Copper	ppm	6	8	---	---
Lead	ppm	1	1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	33	9	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	14	10	---	---
Phosphorus	ppm	1208	1477	---	---
Barium	ppm	0	0	---	---
Boron	ppm	127	197	---	---

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. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: CLOPEM
 Unique No: 5607267
 Signed: Wes Davis
 Report Date: 14 Jul 2023



GRAPHS

