

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 077068-1758 - Splitter Box

Sample No: LH0290871
 Oil Type: GEAR OIL SAE 80W90



Sintra Inc. (division Ouest)
 9975 rue de Chateauneuf, Local B
 Brossard, QC
 CA J4Z 3V6
 Contact: Service Manager
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 T:
 F:



Sample Information

Sample Number	LH0290871	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 175	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 54	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 9	---	---	---
Nickel	ppm	● 14	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 29	---	---	---
Magnesium	ppm	● 10	---	---	---
Zinc	ppm	● 63	---	---	---
Phosphorus	ppm	● 2203	---	---	---
Barium	ppm	● 12	---	---	---
Boron	ppm	● <1	---	---	---

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. Nickel ppm levels are abnormal. 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: SINBRO
 Unique No: 5799603
 Signed: Kevin Marson
 Report Date: 17 Jun 2024



Graphs

