

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LV20F 112010 - Gearbox

Sample No: LH0245115

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0245115	---	---	---
Sample Date	16 Dec 2022	---	---	---
Machine Hours	1787	---	---	---
Oil Hours	62	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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 7075 BENNINGTON ST
 HOUSTON, TX
 US 77028
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 T:
 F: (713)636-4039



OIL CONDITION

Visc @ 40°C	cSt	● 217	---	---	---
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CONTAMINATION

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 192	---	---	---
Copper	ppm	● 24	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	14	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	27	---	---	---
Phosphorus	ppm	392	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	12	---	---	---

Diagnosis

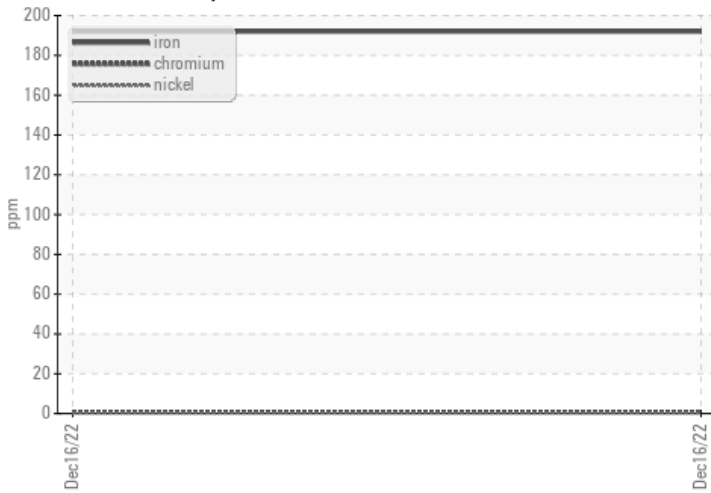
Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEHOU
 Unique No: 10270141
 Signed: Wes Davis
 Report Date: 27 Dec 2022

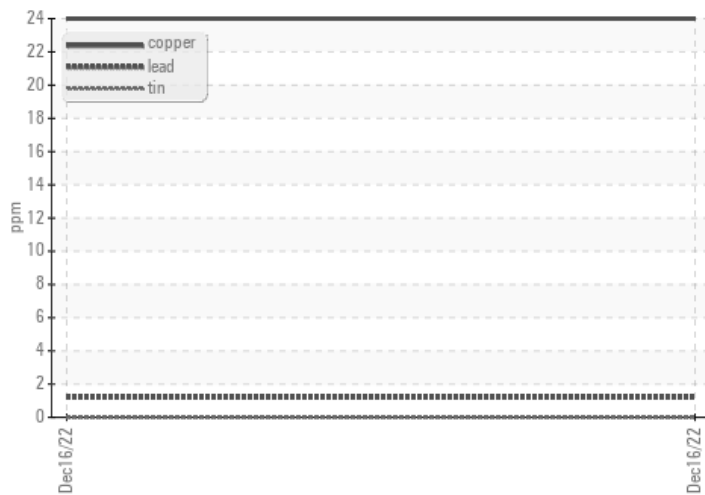


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

