

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LTR1220 Atlas Crane (S/N 047628) - Filter

Sample No: LH0247783

Oil Type: LIEBHERR HYDRAULIC 37



Sample Information

Sample Number	LH0247783	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	1672	---	---	---
Oil Hours	1672	---	---	---
Oil Changed	Filtered	---	---	---
Sample Status	NORMAL	---	---	---

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 7075 BENNINGTON ST
 HOUSTON, TX
 US 77028
 Contact: RANDY BLUM
 randy.blum@liebherr.com
 T: (713)636-4000
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Oil Condition

Visc @ 40°C	cSt	● 36.5	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	20	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 1	---	---	---

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. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	14	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	51	---	---	---
Magnesium	ppm	● 7	---	---	---
Zinc	ppm	● 340	---	---	---
Phosphorus	ppm	● 292	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 4	---	---	---

Depot: LIEHOU
 Unique No: 11017839
 Signed: Don Baldrige
 Report Date: 09 May 2024

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Graphs