

LIEBHERR

CONSTRUCTION EQUIPMENT



[[ALLISON CRANE]] LIEBHERR LTM1200-5.1069894 - INTARDER - Transmission

Sample No: LHMC146553

Oil Type: ZF ECOFLUID



SAMPLE INFORMATION

Sample Number	LHMC146553	---	---	---
Sample Date	14 Jun 2023	---	---	---
Machine Hours	4930	---	---	---
Oil Hours	4930	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
 US 23607
 Contact: CHRIS JONES
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 T: (757)245-5251
 F:



OIL CONDITION

Visc @ 40°C	cSt	53.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	45	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Tests no not reveal cause for reported problem. 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	51	---	---	---
Copper	ppm	19	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	30	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	32	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1136	---	---	---
Magnesium	ppm	170	---	---	---
Zinc	ppm	487	---	---	---
Phosphorus	ppm	720	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	71	---	---	---

Depot: LIENEW
 Unique No: 10524231
 Signed: Don Baldrige
 Report Date: 22 Jun 2023



GRAPHS

