

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110 1227-155752 - Splitter Box

Sample No: LH0280574

Oil Type: SAE 30W



KINDER MORGAN
4301 IVERSON
TRINITY, AL
US 35601
Contact: CHIP OAKES

T: (256)350-0006
F: (256)355-5250



SAMPLE INFORMATION

Sample Number	LH0280574	LH0280563	---	---
Sample Date	20 Feb 2024	11 Jan 2024	---	---
Machine Hours	1022	507	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	173	181	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	2	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	26	10	---	---
Copper	ppm	6	0	---	---
Lead	ppm	2	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	80	47	---	---
Magnesium	ppm	<1	3	---	---
Zinc	ppm	40	22	---	---
Phosphorus	ppm	2049	1902	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	4	<1	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: KINTRI
Unique No: 10898702
Signed: Don Baldrige
Report Date: 28 Feb 2024



GRAPHS

