LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH110 1227-155752 - Rear Left Wheel Hub

Sample No: LH0280589

Additives

mqq

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Oil Type: GEAR OIL SAE 80W90

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Sam	ple Infor	mation			
Sample Number		LH0280589	LH0280589	LH0280578	LH0280567
Sample Date		18 Apr 2024	19 Mar 2024	20 Feb 2024	11 Jan 2024
Machine Hours		1980	1544	1022	507
Oil Hours		0	0	0	0
Oil Changed		Changed	Not Changd	N/A	Not Changd
Sample Status		ATTENTION	ATTENTION	NORMAL	NORMAL
<u> </u>					
Oil	ondition				
/isc @ 40°C	cSt	96.2	99.9	O 150	O 173
-4					O
Const	aminatio				
Con	raminatio	on			
Vater	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	8	8
Sodium	ppm	 <1	O <1	O 2	5
Potassium	ppm	0	O <1	0	0 2

Wed	ır Metals	;			
ron	ppm	49	O 41	O 72	O 20
Copper	ppm	14	O 11	28	O 0
_ead	ppm	0	O 0	O <1	O
Γin	ppm	0	O 1	O 0	<1
Aluminum	ppm	1	O <1	O <1	O <1
Chromium	ppm	0 <1	O <1	O <1	O 0
Molybdenum	ppm	1	02	O <1	0
Nickel	ppm	0 0	O <1	O 0	O <1
Γitanium	ppm	0 <1	0	O 0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0 1	O <1	O 2	<1
Vanadium	ppm	0	<1	<1	0

175

3

93

486

0

02

107

 \bigcirc 0

23

 \bigcirc <1

06

1445



KINDER MORGAN 4301 IVERSON TRINITY, AL US 35601

Contact: CHIP OAKES

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

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 lower than normal. Confirm oil type.

Depot: KINTRI
Unique No: 11031839
Signed: Don Baldridge
Report Date: 17 May 2024

187

104

491

0

4

CONSTRUCTION EQUIPMENT





Graphs

