LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH80M 1218-157090 - Rear Right Wheel Hub

Sample No: LH0267075

Oil Type: GEAR OIL SAE 80W90

- Sam	ple Intor	mation			
Sample Number		LH0267075	LH0282879	LH0282890	LH0282901
Sample Date		10 Jun 2024	18 May 2024	19 Apr 2024	19 Mar 2024
Machine Hours		2008	1559	997	545
Oil Hours		1035	0	0	0
Oil Changed		Changed	Not Changd	Changed	Not Changd
Sample Status		ATTENTION	ATTENTION	NORMAL	NORMAL
Oil Co	ondition				
Visc @ 40°C	cSt	93.4	88.9	O 141	O 139
44					
Cont	aminati	on			
Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	○ 7	06	O 10	O 10
Sodium		0 2	O 3	0 2	0 2
Potassium	ppm	01	0 2	0 <1	0 < 1
	PPIII			0 11	0 11
Wea	r Metals	5			
Iron	ppm	504	O 27	36	3 4
Copper	ppm	12	O 12	O 11	10
Lead	ppm	0	O <1	O 0	O
Tin	ppm	0	O 0	O <1	1
Aluminum	ppm	2	1	O 0	<1
Chromium	ppm	2	O <1	 <1	<1
Molybdenum	ppm	() <1	4	0	<1
Nickel	ppm	0 <1	O <1	0 0	O <1
Titanium	ppm	() <1	O <1	O 0	O 0
Silver	ppm	0	<1	0	0
Manganese	ppm	4	O <1	O 1	O <1
Vanadium	ppm	0	<1	0	<1
Addi	tives				
Calcium	ppm	6 1	O 181	O 118	139
Magnesium	ppm	0 14	O 30	0.5	0 <1
Zinc	ppm	O 89	O 122	O 25	O 19
	PPIII	_ 55		0 10	

0

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KINDER MORGAN

4301 IVERSON TRINITY, AL US 35601

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Т:

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Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. An increase in the iron level is noted. Gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: KINTRI
Unique No: 11089051
Signed: Don Baldridge
Report Date: 23 Jun 2024

586

0

2

Phosphorus

Barium

Boron

ppm

ppm

ppm

LIEBHERR







Graphs

