LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L566 025731-460 - Gearbox

8

0

8

0

Report Id: LIEBHERRUS [WUSCAR] 03371638 (Generated: 10/26/2023 09:51:17) Rev: 1

1120

152

ppm

ppm

ppm

ppm

ppm

ppm

Sample No: LHMC56747 Oil Type: SAE 90

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Sample Number		LHMC56747	LHMC55444	LHMC55447	
Sample Date		09 Sep 2013	24 Jul 2012	23 Jul 2012	
Machine Hours		5291	2421	2421	
Oil Hours		1000	1000	1000	
Oil Changed		Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	
OIL	ONDITIO	ON			
Visc @ 40°C	cSt	140.8	O 191.4	174.6	
-44					
CON	TAMINA				
			O 5	5	
	ppm	11	O 5		
	ppm	○ 11 ○ 0	0 <1	O <1	
Silicon Sodium Potassium		~			
Sodium Potassium WEA	ppm ppm	○ 0 ○ <1	○ <1		
Sodium Potassium WEA	ppm ppm R META	○ 0 ○ <1 LS	○ <1 ○ <1 ○ 276	○ <1 ○ <1 ○ 215	
Sodium Potassium WEA Iron Copper	ppm ppm R META ppm ppm	○ 0 ○ <1	○ <1 ○ <1	○ <1 ○ <1	
Sodium Potassium	ppm ppm R META ppm ppm ppm	○ 0 ○ <1 LS ○ 82 ○ 2	○ <1 ○ <1 ○ 276 ○ 2	○ <1 ○ <1 ○ 215 ○ 2	
Sodium Potassium WEA Iron Copper Lead Tin	ppm ppm R META ppm ppm	○ 0 ○ <1 LS ○ 82 ○ 2 ○ <1	○ <1 ○ <1 ○ 276 ○ 2 ○ 0	<1 <1 <1 215 2 0 0	
Sodium Potassium WEA Iron Copper Lead Tin Aluminum	ppm ppm R META ppm ppm ppm ppm ppm	○ 0 ○ <1 LS ○ 82 ○ 2 ○ <1 ○ <1	○ <1 ○ <1 ○ 276 ○ 2 ○ 0 ○ 0	<1 <1 <1 215 2 0 <1	
Sodium Potassium WEA Iron Copper Lead	ppm ppm R META ppm ppm ppm ppm ppm	○ 0 ○ <1 LS ○ 82 ○ 2 ○ <1 ○ <1 ○ <1 ○ <1	○ <1 ○ <1 ○ 276 ○ 2 ○ 0 ○ 0 ○ <1	○ <1 ○ <1 ○ 215 ○ 2 ○ 0 ○ <1 ○ 1	
Sodium Potassium WEA Iron Copper Lead Tin Aluminum Chromium	ppm	○ 0 ○ <1 LS ○ 82 ○ 2 ○ <1 ○ <1 ○ 2 ○ <1	○ <1 ○ <1 ○ 276 ○ 2 ○ 0 ○ 0 ○ <1 ○ 2	○ <1 ○ <1 ○ 215 ○ 2 ○ 0 ○ <1 ○ 1 ○ 2	
Sodium Potassium WEA Iron Copper Lead Tin Aluminum Chromium Molybdenum	ppm	○ 0 ○ <1 LS ○ 82 ○ 2 ○ <1 ○ <1 ○ 2 ○ <1 ○ 2 ○ <1 ○ 0	○ <1 ○ <1 ○ 276 ○ 2 ○ 0 ○ 0 ○ 0 ○ <1 ○ 2 ○ 42	○ <1 ○ <1 ○ 215 ○ 2 ○ 0 ○ <1 ○ 1 ○ 2 123	
Potassium WEA Tron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium	ppm	○ 0 ○ <1 ■ 82 ○ 2 ○ <1 ○ <1 ○ 2 ○ <1 ○ 0 ○ 0	○ <1 ○ <1 ○ 276 ○ 2 ○ 0 ○ 0 ○ <1 ○ 2 ○ 42 ○ <1	<pre>0 <1 0 <1 0 <1 0 215 0 2 0 0 0 <1 0 1 0 2 123 0 <1</pre>	
Sodium Potassium WEA Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel	ppm	0 0 0 < 1	○ <1 ○ <1 ○ 276 ○ 2 ○ 0 ○ 0 ○ <1 ○ 2 ○ 42 ○ <1 ○ 0	<pre>0 <1 0 <1 0 <1 0 215 0 2 0 0 0 <1 0 1 0 2 123 0 <1 0</pre>	

0

40

1230



LIEBHERR EQUIPMENT SOURCE

4100 CHESTNUT AVENUE NEWPORT NEWS, VA

US 23607

Contact: DAVID CONSTANTINO david.constantino@liebherr.com

T: (757)928-2227

F: x:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRUS
Unique No: 6404400
Signed: Jonathan Hester
Report Date: 09 Oct 2013

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GRAPHS

