

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 025731-460 - Transmission (Auto)

Sample No: LHMC89111

Oil Type: CASTROL ATF



SAMPLE INFORMATION

Sample Number	LHMC89111	LHMC87132	LHMC74418	LHMC71663
Sample Date	13 Feb 2014	11 Dec 2013	09 Sep 2013	20 Jun 2013
Machine Hours	0	5917	5291	4716
Oil Hours	500	626	1000	687
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LIEBHERR EQUIPMENT SOURCE

4100 CHESTNUT AVENUE
NEWPORT NEWS, VA
US 23607

Contact: DAVID CONSTANTINO
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OIL CONDITION

Visc @ 40°C	cSt	24.34	31.11	22.77	21.83
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CONTAMINATION

Water	%	---	---	0.067	---
Silicon	ppm	2	4	10	2
Sodium	ppm	3	7	4	2
Potassium	ppm	1	2	0	0



WEAR METALS

Iron	ppm	13	17	13	13
Copper	ppm	<1	2	<1	0
Lead	ppm	1	3	2	1
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	<1	1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	0	2	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	819	139	48
Magnesium	ppm	0	5	<1	0
Zinc	ppm	34	41	81	23
Phosphorus	ppm	387	184	324	314
Barium	ppm	0	0	<1	0
Boron	ppm	122	179	120	128

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: 6538715

Signed: Don Baldrige

Report Date: 28 Feb 2014



GRAPHS

