LIEBHERR



LIEBHERR A934 038332-1006 - Rear Left Wheel Hub

Sample No: VCE104382

Oil Type: GEAR OIL SAE 80W90

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U SAM	PLE INFO	RMATION			
Sample Number		VCE104382	DJJ007505	DJJ008603	LHMC040996
Sample Date		01 May 2019	23 Jan 2013	28 Mar 2012	28 Jul 2011
Machine Hours		13156	7377	6219	5209
Oil Hours		0	1000	2000	1000
Oil Changed		Changed	Changed	Changed	Not Changd
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
<u> </u>					
OIL	ONDITIO	N			
Visc @ 40°C	cSt	124	O 130.6	129.5	O 131.2
CON	TAMINAT	ION			
Silicon	ppm	○ <1	3	3	O 1
Sodium	ppm	0 <1	O <1	3	4
Potassium	ppm	10	O <1	O 0	O 1
◎ WEA	R METAL	S			
Iron	ppm	26	O 39	72	46
Copper	ppm	0 11	O 12	O 19	O 12
Lead	ppm	0<1	0 <1	0 0	0 0
Tin	ppm	0	0	00	00
Aluminum	ppm	0 <1	0	0 2	0 <1
Chromium	ppm	0<1	O <1	01	0 <1
Molybdenum	ppm	00	0 <1	0 <1	<1
Nickel	ppm	01	0 <1	0	0 <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	O <1	O 1	0 2	1
Vanadium	ppm	0	0	<1	0
	ITIVES				
Calcium	ppm	8	10	8	9
Magnesium	ppm	○ <1	O <1	O 0	1
Zinc	ppm	8	18	26	25
Phosphorus	ppm	680	955	O 1010	1065
Barium	ppm	0	0	O 0	0
Boron	ppm	19	167	O 168	O 191



AMERICAN STATE EQUIPMENT CO.

2400 NORTH 14TH AVENUE WAUSAU, WI US 54401 Contact: CHRIS BARTNIK

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Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

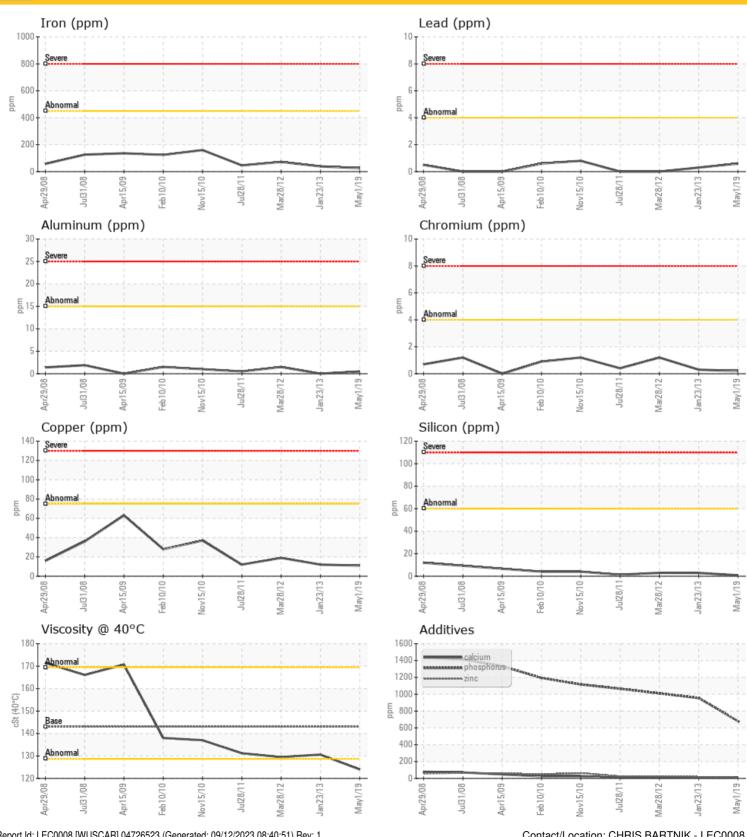
Depot: LEC0008
Unique No: 8618297
Signed: Wes Davis
Report Date: 05 Jun 2019

Contact/Location: CHRIS BARTNIK - LEC0008





GRAPHS



Report Id: LEC0008 [WUSCAR] 04726523 (Generated: 09/12/2023 08:40:51) Rev: 1

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