

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL



132164 LIEBHERR LH60 132164

Component Rear Right Final Drive Fluid GEAR OIL SAE 80W90 (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
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.	Sample Number		Client Info		DJJ0005571	DJJ0021033	DJJ0017454
	Sample Date		Client Info		05 Feb 2024	03 Aug 2023	27 Oct 2022
CEAR OIL SAL 60W30. Tiease commin.	Machine Age	hrs	Client Info		7745	5715	2761
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		N/A	N/A	N/A
	Filter Changed		Client Info		N/A	N/A	N/A
<u></u>	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>350	45	79	35
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>5	0	<1	<1
	Nickel	ppm	ASTM D5185m	>5	0	0	0
	Titanium	ppm	ASTM D5185m		0	<1	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m	>10	1	<1	<1
	Lead	ppm	ASTM D5185m	>10	0	0	0
	Copper	ppm	ASTM D5185m	>125	9	12	11
	Tin	ppm	ASTM D5185m	>10	0	0	0
	Vanadium	ppm	ASTM D5185m		0	<1	0
	White Metal	scalar	*Visual	NONE	MODER	MODER	MODER
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>45	6	7	4
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	2	0	0
,	Water		WC Method	>0.2	NEG	NEG	NEG
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>170	0	2	2
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	400	5	6	16
	Barium	ppm	ASTM D5185m	200	0	0	38
	Molybdenum	ppm	ASTM D5185m	12	0	<1	0
	Manganese	ppm	ASTM D5185m		<1	1	<1
	Magnesium	ppm	ASTM D5185m	12	2	4	0
	Calcium	ppm	ASTM D5185m	150	12	16	11
	Phosphorus	ppm	ASTM D5185m	1650	567	513	547
	Zinc	ppm	ASTM D5185m	125	25	26	17
	Sulfur	ppm	ASTM D5185m	22500	15211	23087	28551
	\" \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- 04	AOTA DAAF	4.40	404	100	100

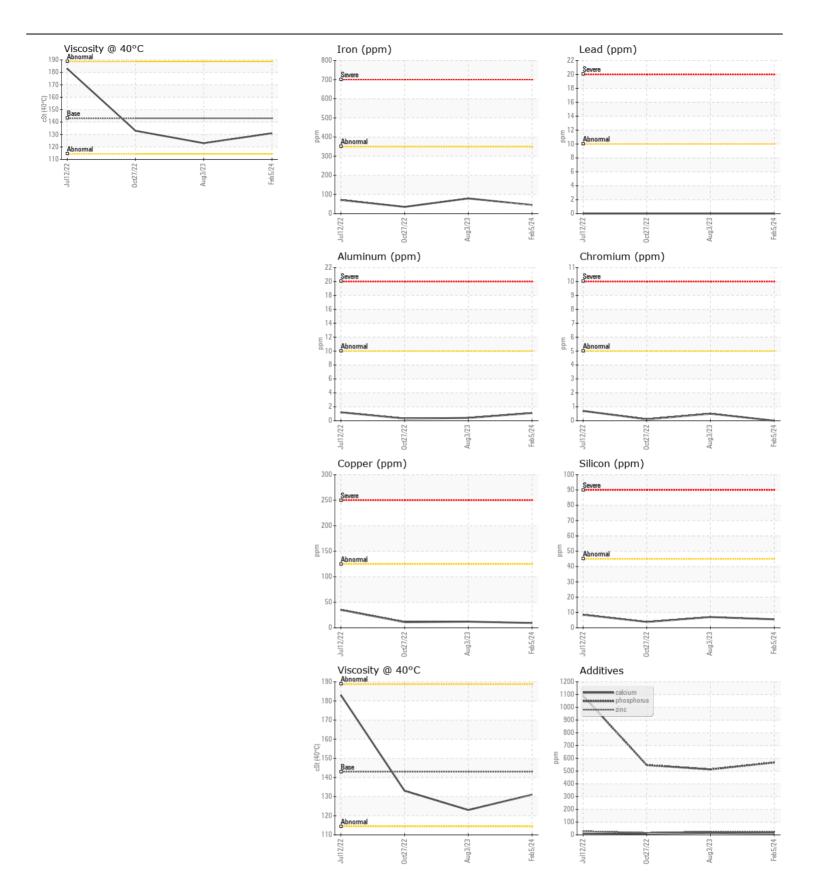
Visc @ 40°C

123

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ASTM D445 143

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Certificate L2367

Laboratory Sample No.

: DJJ0005571 Lab Number : 06098027 Unique Number: 10896257 Test Package : MOBCE

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Feb 2024 **Tested** : 23 Feb 2024

: 23 Feb 2024 - Wes Davis Diagnosed

Contact: TOMMY WILLIAMSON tommy.williamson@djj.com T: (731)424-5659

THE DAVID J JOSEPH CO

801 GERDAU AMERISTEEL RD

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (731)424-5026 Contact/Location: TOMMY WILLIAMSON - DAVJACTN

JACKSON, TN

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