

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068244 - Splitter Box

Sample No: LH0224309

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0224309	LH0278517	LH	LH0265764
Sample Date	21 Feb 2024	22 Dec 2023	15 Sep 2023	21 Aug 2023
Machine Hours	8026	7142	0	5330
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Gerdau - Mandak Metal Processors Ltd.,
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 Selkirk, MB
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OIL CONDITION

Visc @ 40°C	cSt	166	165	131	116
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	2
Sodium	ppm	<1	3	2	2
Potassium	ppm	<1	1	<1	<1

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	22	18	9	9
Copper	ppm	2	3	4	3
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	38	57	96
Magnesium	ppm	3	5	6	5
Zinc	ppm	73	127	167	191
Phosphorus	ppm	2285	2193	1908	1878
Barium	ppm	0	0	<1	0
Boron	ppm	5	2	3	2

Depot: MANSEL
 Unique No: 5736737
 Signed: Wes Davis
 Report Date: 04 Mar 2024



GRAPHS

