

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068244 - Splitter Box

Sample No: LH0288163

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0288163	LH0278462	LH0224309	LH0278517
Sample Date	25 Apr 2024	22 Mar 2024	21 Feb 2024	22 Dec 2023
Machine Hours	9033	5517	8026	7142
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Gerdau - Mandak Metal Processors Ltd.,
 1 Railway St., P.O. Box 334
 Selkirk, MB
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 Contact: Santiago Giraldo
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 T:
 F: (204)482-8241



Oil Condition

Visc @ 40°C	cSt	167	174	166	165
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	0	3	2
Sodium	ppm	<1	<1	<1	3
Potassium	ppm	<1	<1	<1	1



Wear Metals

Iron	ppm	7	6	22	18
Copper	ppm	1	<1	2	3
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	15	9	22	38
Magnesium	ppm	2	2	3	5
Zinc	ppm	79	38	73	127
Phosphorus	ppm	2184	2283	2285	2193
Barium	ppm	0	0	0	0
Boron	ppm	<1	2	5	2

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.

Depot: MANSEL
Unique No: 5774436
Signed: Wes Davis
Report Date: 03 May 2024



Graphs

