

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068244 - Splitter Box

Sample No: LH

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH	LH0265764	LH0234435	LH0250036
Sample Date	15 Sep 2023	21 Aug 2023	09 Jun 2023	28 May 2023
Machine Hours	0	5330	4612	4345
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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 Contact: Santiago Giraldo
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OIL CONDITION

Visc @ 40°C	cSt	131	116	146	142
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CONTAMINATION

Silicon	ppm	2	2	2	6
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	9	9	8	17
Copper	ppm	4	3	1	<1
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	57	96	86	99
Magnesium	ppm	6	5	2	3
Zinc	ppm	167	191	106	109
Phosphorus	ppm	1908	1878	2159	2175
Barium	ppm	<1	0	0	0
Boron	ppm	3	2	6	30

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: MANSEL
Unique No: 5669321
Signed: Wes Davis
Report Date: 26 Oct 2023



GRAPHS

