

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R944C 025727-793 - Splitter Box

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH	LH	LH	LH0186361
Sample Date	06 Feb 2023	16 Aug 2022	15 Dec 2021	03 Jun 2021
Machine Hours	17503	17000	0	16014
Oil Hours	500	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Gerdau Manitoba Recycling
 314 Dawson Rd.
 Winnipeg, MB
 CA R2J 0S7
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	96.9	103	92.7	103
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T:
 F: (204)482-8241



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	14	23	12
Sodium	ppm	1	2	2	3
Potassium	ppm	2	4	3	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.



WEAR METALS

Iron	ppm	22	32	37	33
Copper	ppm	1	1	2	4
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	3	4	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	27	43	73	54
Magnesium	ppm	7	11	19	11
Zinc	ppm	51	66	115	129
Phosphorus	ppm	1267	1188	1395	1511
Barium	ppm	0	0	0	<1
Boron	ppm	227	138	212	127

Depot: GER314WIN
 Unique No: 5538566
 Signed: Wes Davis
 Report Date: 24 Feb 2023



GRAPHS

