

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 144578-1253 - Splitter Box

Sample No: LH0278718

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Sample Information

Sample Number	LH0278718	LH0278618	LH	LH0250051
Sample Date	05 Apr 2024	15 Jan 2024	04 Oct 2023	22 Mar 2023
Machine Hours	1300	1200	0	498
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Industrial Metals

550 Messier St.
Winnipeg, MB
CA R2J 0G5
Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	181	189	183	197
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	2
Sodium	ppm	4	1	2	2
Potassium	ppm	3	0	<1	1

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.



Wear Metals

Iron	ppm	36	43	21	23
Copper	ppm	1	<1	1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	<1	1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	30	10	15	17
Magnesium	ppm	26	2	2	2
Zinc	ppm	33	11	19	19
Phosphorus	ppm	2035	2219	2033	1666
Barium	ppm	0	0	<1	0
Boron	ppm	3	<1	1	1

Depot: IND550WIN
Unique No: 5763805
Signed: Wes Davis
Report Date: 22 Apr 2024



Graphs

