

LIEBHERR

CONSTRUCTION EQUIPMENT



[(344091)] LIEBHERR LH40M 120553-1215 - Splitter Box

Sample No: LH0286418

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Goodies Trading Ltd.
8150 Aitken Road
Chilliwack, BC
CA V2R 4H5
Contact: Service Manager



Sample Information

Sample Number	LH0286418	LH0193883	LH0260418	LH0193862
Sample Date	06 Jun 2024	13 Feb 2024	16 Aug 2023	21 Feb 2023
Machine Hours	4500	4086	3448	2835
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	94.6	105	137	92.7

T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	2	2
Sodium	ppm	1	<1	2	1
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	10	15	13	16
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	6
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	15	14	17	27
Magnesium	ppm	3	1	2	1
Zinc	ppm	21	21	28	41
Phosphorus	ppm	1307	1493	2011	1375
Barium	ppm	0	0	0	0
Boron	ppm	299	239	85	275

Depot: GOOCHI
Unique No: 5799046
Signed: Wes Davis
Report Date: 12 Jun 2024



Graphs

