

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 110435-1250 - Swing Drive

Sample No: LH0260473

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0260473	LH0234095	LH0238723	LH0206393
Sample Date	14 Aug 2023	07 Mar 2023	20 Jan 2023	19 Aug 2021
Machine Hours	11129	10153	9792	6097
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	SEVERE	SEVERE	NORMAL

ECOWASTE INDUSTRIES
 4 SPRUCE ST
 NEW WESTMINSTER, BC
 CA V3L 5G6
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	109	152	208	101
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T:
F:



CONTAMINATION

Silicon	ppm	7	31	40	3
Sodium	ppm	1	3	3	<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

PQ		0	3	8	35
Iron	ppm	691	838	786	413
Copper	ppm	67	140	158	93
Lead	ppm	2	4	5	2
Tin	ppm	3	11	13	1
Aluminum	ppm	1	4	5	0
Chromium	ppm	6	8	7	5
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	5	7	6	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	17	16	8	11
Magnesium	ppm	1	<1	<1	<1
Zinc	ppm	20	26	30	16
Phosphorus	ppm	1446	1867	2213	1396
Barium	ppm	<1	<1	3	0
Boron	ppm	145	104	8	275

Depot: ECONEW
 Unique No: 5632506
 Signed: Kevin Marson
 Report Date: 31 Aug 2023

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GRAPHS

