

LIEBHERR

CONSTRUCTION EQUIPMENT



096750-1204 - Swing Drive

Sample No: LH0274828

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274828	LH0285133	LH0216228	LH0251712
Sample Date	06 Mar 2024	05 Feb 2024	02 May 2023	30 Jan 2023
Machine Hours	11085	10945	9957	9461
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

American Iron and Metal

120 Bentley Avenue

Ottawa, ON

CA K2E 6T9

Contact: Yvon Lalonde



OIL CONDITION

Visc @ 40°C	cSt	112	138	139	102

T: (819)230-7247

F:



CONTAMINATION

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

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		---	7	---	0
Iron	ppm	244	612	228	384
Copper	ppm	33	79	45	58
Lead	ppm	<1	2	1	1
Tin	ppm	<1	2	2	2
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	2	4	2	3
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	1	2
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	17	12	12	9
Magnesium	ppm	3	4	7	<1
Zinc	ppm	14	18	18	17
Phosphorus	ppm	1423	1791	2110	1430
Barium	ppm	0	0	0	0
Boron	ppm	232	84	103	212

Depot: AME120OTT

Unique No: 5746320

Signed: Kevin Marson

Report Date: 11 Mar 2024



GRAPHS

