

LIEBHERR

CONSTRUCTION EQUIPMENT



092696 - Swing Drive

Sample No: LH0274564

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274564	LH0247225	LH0239175	LH0180905
Sample Date	05 Sep 2023	06 Apr 2023	08 Sep 2022	19 Oct 2021
Machine Hours	13109	12387	11186	9262
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	SEVERE	NORMAL

American Iron and Metal

75 Steel City Court
Hamilton, ON
CA L8H 3Y2
Contact: Heavy Equipment
hamiltonmobileassetmaintenance@aim-recycling.com
T: (905)547-5533
F: (905)544-5671



OIL CONDITION

Visc @ 40°C	cSt	107	101	120	102
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	2	<1	2	<1
Potassium	ppm	<1	<1	4	<1



WEAR METALS

PQ		---	0	0	---
Iron	ppm	329	481	761	126
Copper	ppm	15	22	14	33
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	2	6	11	1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	2	3	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	2	4	4	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	9	3	8
Magnesium	ppm	1	2	0	2
Zinc	ppm	11	12	8	9
Phosphorus	ppm	1309	1263	716	1287
Barium	ppm	0	0	0	0
Boron	ppm	232	218	16	300

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.

Depot: AMEHAM
Unique No: 5633849
Signed: Wes Davis
Report Date: 06 Sep 2023



GRAPHS

