

LIEBHERR

CONSTRUCTION EQUIPMENT



115070 - Swing Drive

Sample No: LH0286574

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0286574	LH0242626	---	---
Sample Date	21 Apr 2024	17 Oct 2022	---	---
Machine Hours	0	325	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE
BURLINGTON, ON
CA L7L 5Z8

Contact: Steve Lehto
steve.lehto@liebherr.com
T: (905)319-9222
F: (905)319-6617



Oil Condition

Visc @ 40°C	cSt	132	193	---	---
-------------	-----	-----	-----	-----	-----



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	10	2	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	1	3	---	---

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	110	112	---	---
Copper	ppm	11	321	---	---
Lead	ppm	<1	8	---	---
Tin	ppm	0	12	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	22	11	---	---
Magnesium	ppm	5	1	---	---
Zinc	ppm	26	35	---	---
Phosphorus	ppm	964	1261	---	---
Barium	ppm	5	2	---	---
Boron	ppm	156	5	---	---

Depot: LIEMIS
Unique No: 5763823
Signed: Wes Davis
Report Date: 22 Apr 2024



Graphs

