

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 144578-1253 - Swing Drive

Sample No: LH0278716

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Sample Information

Sample Number	LH0278716	LH0278616	LH0250049	---
Sample Date	05 Apr 2024	15 Jan 2024	22 Mar 2023	---
Machine Hours	1300	1200	498	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Industrial Metals

550 Messier St.
Winnipeg, MB
CA R2J 0G5
Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	137	176	180	---
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	2	<1	---
Sodium	ppm	1	1	<1	---
Potassium	ppm	<1	0	<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	27	53	<1	---
Copper	ppm	7	15	0	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	0	0	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	24	15	18	---
Magnesium	ppm	5	1	<1	---
Zinc	ppm	11	13	4	---
Phosphorus	ppm	1551	2237	2401	---
Barium	ppm	<1	<1	0	---
Boron	ppm	107	16	<1	---

Depot: IND550WIN
Unique No: 5763807
Signed: Wes Davis
Report Date: 22 Apr 2024



Graphs

