

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112349-1253 - Swing Drive

Sample No: LH0274579

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274579	LH0239550	LH0227663	LH
Sample Date	30 Aug 2023	25 Jul 2022	18 Mar 2022	19 Jul 2021
Machine Hours	10003	7203	6226	5027
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

MONAGHAN MUSHROOMS LTD
 7345 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
 Contact: Steven Cargill
 s.cargill@monaghan-mushrooms.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	97.0	100	101	99.6
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CONTAMINATION

Silicon	ppm	<1	6	<1	1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	<1	5



WEAR METALS

PQ		---	0	---	---
Iron	ppm	38	1631	27	31
Copper	ppm	26	188	19	20
Lead	ppm	<1	5	<1	<1
Tin	ppm	<1	3	<1	<1
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	<1	15	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	0	2	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	12	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	18	10	8	10
Magnesium	ppm	2	1	2	1
Zinc	ppm	17	38	12	8
Phosphorus	ppm	1295	1218	1305	1238
Barium	ppm	<1	0	0	<1
Boron	ppm	309	253	314	295

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: MONCAM
 Unique No: 5632831
 Signed: Wes Davis
 Report Date: 31 Aug 2023



GRAPHS

