

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 097459-1216 - Swing Drive

Sample No: LH0238561

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0238561	LH0194735	LH0194635	LH0183465
Sample Date	24 Oct 2022	29 Oct 2021	25 Jul 2021	08 Feb 2021
Machine Hours	1000	20093	18995	8850
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	N/A
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

J.D. Irving

Truro Sawmill, 529 Valley Dale Road  
Truro, NS  
CA B2N 5C5  
Contact: Sheldon Richardson  
richardson.sheldon@jdirving.com  
T: (902)890-9419  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	103	101	96.6	99.8
-------------	-----	-----	-----	------	------



#### CONTAMINATION

Silicon	ppm	2	5	4	5
Sodium	ppm	3	<1	2	3
Potassium	ppm	0	1	<1	2

#### 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		---	0	---	0
Iron	ppm	237	1396	11	1045
Copper	ppm	14	81	1	80
Lead	ppm	<1	5	<1	2
Tin	ppm	1	2	0	1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	3	15	0	11
Molybdenum	ppm	<1	<1	4	1
Nickel	ppm	<1	2	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	2	12	<1	8
Vanadium	ppm	0	<1	0	<1



#### ADDITIVES

Calcium	ppm	20	13	75	14
Magnesium	ppm	8	4	69	<1
Zinc	ppm	24	26	115	21
Phosphorus	ppm	1900	1254	1249	1118
Barium	ppm	0	0	<1	0
Boron	ppm	244	175	231	214

Depot: JDITRU  
Unique No: 5475459  
Signed: Wes Davis  
Report Date: 25 Oct 2022



### GRAPHS

