

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0183923

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0183923	LH0180352	LH0180442	LH0194537
Sample Date	05 May 2022	03 Apr 2022	21 Feb 2022	15 Dec 2021
Machine Hours	22049	21571	21564	20607
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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#### OIL CONDITION

Visc @ 40°C	cSt	80.8	88.6	88.5	89.2
Visc @ 100°C	cSt	---	---	13.7	---
Viscosity Index (VI)	Scale	---	---	157	---

#### 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.



#### CONTAMINATION

Silicon	ppm	<1	6	1	2
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	0	<1	<1	1



#### WEAR METALS

Iron	ppm	12	12	16	33
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	32	23	19	22
Magnesium	ppm	10	12	8	3
Zinc	ppm	121	78	74	72
Phosphorus	ppm	1133	1220	1186	1223
Barium	ppm	0	0	0	0
Boron	ppm	252	292	283	280

Depot: JDITRU  
Unique No: 5409260  
Signed: Kevin Marson  
Report Date: 02 Jun 2022



### GRAPHS

