

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0194537

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0194537	LH0194732	LH0194634	LH0180427
Sample Date	15 Dec 2021	29 Oct 2021	25 Jul 2021	17 Mar 2021
Machine Hours	20607	20093	18995	0
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	N/A	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	89.2	88.8	94.5	104
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CONTAMINATION

Silicon	ppm	2	3	7	2
Sodium	ppm	<1	1	1	<1
Potassium	ppm	1	2	<1	<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

PQ		---	0	---	---
Iron	ppm	33	87	11	<1
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	<1	<1
Chromium	ppm	<1	1	<1	0
Molybdenum	ppm	<1	<1	7	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	<1
Manganese	ppm	<1	2	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	24	118	12
Magnesium	ppm	3	7	127	1
Zinc	ppm	72	104	176	5
Phosphorus	ppm	1223	1288	1240	1177
Barium	ppm	0	0	<1	0
Boron	ppm	280	274	220	296

Depot: JDITRU
Unique No: 5331901
Signed: Wes Davis
Report Date: 24 Dec 2021

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GRAPHS

