

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0180427

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0180427	LH0183458	LH0180450	LH0180234
Sample Date	17 Mar 2021	08 Feb 2021	08 Dec 2020	06 Oct 2020
Machine Hours	0	8850	16540	0
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	104	87.6	85.4	86.3
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CONTAMINATION

Element	ppm	2	2	3	4
Silicon	ppm	2	2	3	4
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	<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

Element	ppm	<1	7	10	13
Iron	ppm	<1	7	10	13
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	3	2	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	12	50	46	18
Calcium	ppm	12	50	46	18
Magnesium	ppm	1	51	40	8
Zinc	ppm	5	102	102	67
Phosphorus	ppm	1177	1205	1145	1148
Barium	ppm	0	0	0	0
Boron	ppm	296	293	282	291

Depot: JDITRU
Unique No: 5189486
Signed: Kevin Marson
Report Date: 18 Mar 2021



GRAPHS

