

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0180234

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0180234	LH	LH0170827	LH0139130
Sample Date	06 Oct 2020	07 Jul 2020	03 May 2020	01 Mar 2020
Machine Hours	0	0	0	13987
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	86.3	85.1	91.7	86.1
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CONTAMINATION

Silicon	ppm	4	2	2	2
Sodium	ppm	<1	<1	0	0
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

Iron	ppm	13	8	7	5
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	<1	6
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	<1	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	18	16	12	138
Magnesium	ppm	8	2	3	99
Zinc	ppm	67	44	31	173
Phosphorus	ppm	1148	1186	1286	1233
Barium	ppm	0	0	<1	0
Boron	ppm	291	290	322	287

Depot: JDITRU
Unique No: 5122514
Signed: Wes Davis
Report Date: 22 Oct 2020



GRAPHS

