

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0260017

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0260017	LH0250288	LH0234619	LH0250185
Sample Date	21 Aug 2023	31 May 2023	14 Mar 2023	11 Jan 2023
Machine Hours	27281	26834	25721	24879
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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F:



OIL CONDITION

Visc @ 40°C	cSt	82.8	82.0	82.8	86.7
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CONTAMINATION

Silicon	ppm	4	4	4	2
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

Iron	ppm	18	11	8	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	23	25	27	20
Magnesium	ppm	5	4	4	3
Zinc	ppm	113	128	109	72
Phosphorus	ppm	1224	1236	1221	1256
Barium	ppm	0	0	0	0
Boron	ppm	274	261	266	287

Depot: JDITRU
Unique No: 5632826
Signed: Wes Davis
Report Date: 31 Aug 2023



GRAPHS

