

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0250185

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0250185	LH0238564	LH0230467	LH0183923
Sample Date	11 Jan 2023	24 Oct 2022	25 Jul 2022	05 May 2022
Machine Hours	24879	23665	0	22049
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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F:



OIL CONDITION

Visc @ 40°C	cSt	86.7	84.3	81.7	80.8
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CONTAMINATION

Silicon	ppm	2	3	4	<1
Sodium	ppm	<1	2	1	<1
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	8	13	11	12
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	20	21	42	32
Magnesium	ppm	3	4	12	10
Zinc	ppm	72	84	114	121
Phosphorus	ppm	1256	1205	1113	1133
Barium	ppm	0	0	0	0
Boron	ppm	287	276	263	252

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.

Depot: JDITRU
Unique No: 5525469
Signed: Wes Davis
Report Date: 30 Jan 2023



GRAPHS

