

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0230467

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0230467	LH0183923	LH0180352	LH0180442
Sample Date	25 Jul 2022	05 May 2022	03 Apr 2022	21 Feb 2022
Machine Hours	0	22049	21571	21564
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	81.7	80.8	88.6	88.5
Visc @ 100°C	cSt	---	---	---	13.7
Viscosity Index (VI)	Scale	---	---	---	157

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.



CONTAMINATION

Silicon	ppm	4	<1	6	1
Sodium	ppm	1	<1	1	<1
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	11	12	12	16
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	42	32	23	19
Magnesium	ppm	12	10	12	8
Zinc	ppm	114	121	78	74
Phosphorus	ppm	1113	1133	1220	1186
Barium	ppm	0	0	0	0
Boron	ppm	263	252	292	283

Depot: JDITRU
Unique No: 5434917
Signed: Wes Davis
Report Date: 26 Jul 2022

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GRAPHS

