

LIEBHERR

CONSTRUCTION EQUIPMENT



046221-1465 - Splitter Box

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH	LH	LH0169984	LH0140637
Sample Date	24 Jul 2023	08 Apr 2021	07 Jul 2020	28 Mar 2019
Machine Hours	3000	1785	1304	1014
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Delsan - American Iron and Metal
 2187 Montee Masson
 Laval, QC
 CA H7B 0A6
 Contact: MANNY MARQUES
 mmarques@delsan-aim.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	110	103	115	147
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CONTAMINATION

Silicon	ppm	1	3	4	5
Sodium	ppm	2	1	<1	3
Potassium	ppm	1	3	7	14



WEAR METALS

Iron	ppm	22	34	56	96
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	9	21	50
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	1	2	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	29	25	26
Magnesium	ppm	2	4	6	6
Zinc	ppm	10	31	36	53
Phosphorus	ppm	1351	1247	1481	1610
Barium	ppm	<1	<1	0	<1
Boron	ppm	176	249	219	103

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: DEL782MON
Unique No: 5617516
Signed: Wes Davis
Report Date: 26 Jul 2023



GRAPHS

