

LIEBHERR

CONSTRUCTION EQUIPMENT



046221-1465 - Right Final Drive

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH	LH	LH0140611	LH0101943
Sample Date	24 Jul 2023	08 Apr 2021	28 Mar 2019	25 Jan 2019
Machine Hours	3000	1785	1014	598
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	95.1	99.7	106	129
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CONTAMINATION

Silicon	ppm	24	11	27	10
Sodium	ppm	2	1	2	3
Potassium	ppm	4	2	4	2



WEAR METALS

Iron	ppm	43	24	44	101
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	9	3	9	3
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	38	40	51	22
Magnesium	ppm	5	3	7	2
Zinc	ppm	8	17	13	14
Phosphorus	ppm	1434	1209	1230	1131
Barium	ppm	<1	<1	0	0
Boron	ppm	246	301	255	<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.

Depot: DEL782MON
 Unique No: 5617515
 Signed: Wes Davis
 Report Date: 26 Jul 2023



GRAPHS

