

LIEBHERR

CONSTRUCTION EQUIPMENT



046221-1465 - Left Final Drive

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH	LH	LH0140636	LH0101942
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	94.6	99.9	109	133
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CONTAMINATION

Silicon	ppm	14	5	14	31
Sodium	ppm	1	1	1	4
Potassium	ppm	2	1	2	4



WEAR METALS

Iron	ppm	38	17	32	92
Copper	ppm	<1	<1	0	0
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	5	1	4	10
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	25	31	54
Magnesium	ppm	3	2	4	5
Zinc	ppm	10	15	10	12
Phosphorus	ppm	1443	1218	1228	1124
Barium	ppm	0	0	0	0
Boron	ppm	244	302	256	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: 5617517
 Signed: Wes Davis
 Report Date: 26 Jul 2023



GRAPHS

