

LIEBHERR

CONSTRUCTION EQUIPMENT



[(355228)] LIEBHERR LH60M 114198-1217 - Pump Drive

Sample No: LH0269775

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0269775	LH0225071	LH0224767	LH0224843
Sample Date	22 Sep 2023	10 Feb 2023	09 Jan 2023	18 Nov 2022
Machine Hours	7355	4980	4651	4073
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

AltaSteel
 9401 34 St NW
 Edmonton, AB
 CA T6B 2X6
 Contact: Richard Bailey
 richard.bailey@altasteel.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	94.6	95.2	90.5	98.8
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CONTAMINATION

Silicon	ppm	1	<1	<1	<1
Sodium	ppm	<1	1	<1	1
Potassium	ppm	<1	2	<1	<1



WEAR METALS

Iron	ppm	7	6	5	4
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	30	46	20
Magnesium	ppm	1	1	2	2
Zinc	ppm	17	26	36	20
Phosphorus	ppm	1248	1313	1177	1034
Barium	ppm	<1	0	0	0
Boron	ppm	310	218	233	148

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: ALT940EDM
Unique No: 5646721
Signed: Wes Davis
Report Date: 28 Sep 2023



GRAPHS

