

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0225137

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0225137	LH0269775	LH0225071	LH0224767
Sample Date	07 Dec 2023	22 Sep 2023	10 Feb 2023	09 Jan 2023
Machine Hours	8004	7355	4980	4651
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	91.7	94.6	95.2	90.5



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	<1	<1
Sodium	ppm	<1	<1	1	<1
Potassium	ppm	1	<1	2	<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.



WEAR METALS

Iron	ppm	8	7	6	5
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	39	14	30	46
Magnesium	ppm	<1	1	1	2
Zinc	ppm	41	17	26	36
Phosphorus	ppm	1206	1248	1313	1177
Barium	ppm	0	<1	0	0
Boron	ppm	289	310	218	233

Depot: ALT940EDM
Unique No: 5708328
Signed: Kevin Marson
Report Date: 09 Jan 2024



GRAPHS

