

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934 060317 - Pump Drive

Sample No: LH0224887

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



RICHMOND STEEL
12707 170 STREET
EDMONTON, AB
CA T5V 1L9
Contact: Sandor Arguello

T: (780)447-3391
F:

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.



SAMPLE INFORMATION

Sample Number	LH0224887	LH0224890	---	---
Sample Date	08 May 2023	09 Jun 2022	---	---
Machine Hours	12455	11065	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	98.2	122	---	---
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CONTAMINATION

Silicon	ppm	5	5	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	3	16	---	---



WEAR METALS

Iron	ppm	19	54	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	1	4	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	21	39	---	---
Magnesium	ppm	4	18	---	---
Zinc	ppm	39	98	---	---
Phosphorus	ppm	1308	1156	---	---
Barium	ppm	<1	4	---	---
Boron	ppm	258	63	---	---

Depot: RICEDM
Unique No: 5577360
Signed: Wes Davis
Report Date: 09 May 2023



GRAPHS

