

LIEBHERR

CONSTRUCTION EQUIPMENT



[[575873]] LIEBHERR HS8100 184908 - Boom Winch

Sample No: LH0277703

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Tillsonburg Ready-Mix Inc.
 10 Elm Street
 Tillsonburg, ON
 CA N4G 0A7
 Contact: Service Manager



Sample Information

Sample Number	LH0277703	LH0251525	LH0230696	---
Sample Date	12 Oct 2023	23 Jan 2023	22 Jul 2022	---
Machine Hours	12289	10946	10063	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	N/A	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	102	102	103	---
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	<1	<1	---
Sodium	ppm	1	<1	<1	---
Potassium	ppm	0	<1	<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	7	22	18	---
Copper	ppm	<1	1	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	7	7	9	---
Magnesium	ppm	1	2	3	---
Zinc	ppm	32	183	261	---
Phosphorus	ppm	975	1341	1246	---
Barium	ppm	<1	0	0	---
Boron	ppm	163	258	238	---

Depot: TIL10TIL
 Unique No: 5658779
 Signed: Wes Davis
 Report Date: 17 Oct 2023



Graphs

