

LIEBHERR

CONSTRUCTION EQUIPMENT



[[575873]] LIEBHERR HS8100 184908 - Right Track Drive

Sample No: LH0277700

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	LH0277700	LH0230701	---	---
Sample Date	12 Oct 2023	22 Jul 2022	---	---
Machine Hours	12289	10063	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	● 92.1	● 101	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 139	● 19	---	---
Sodium	ppm	● 8	● 1	---	---
Potassium	ppm	● 11	● 2	---	---



Wear Metals

Iron	ppm	● 152	● 24	---	---
Copper	ppm	● 14	● 4	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● <1	● <1	---	---
Aluminum	ppm	● 31	● 4	---	---
Chromium	ppm	● 2	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 1	● <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 2	● <1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	● 170	● 43	---	---
Magnesium	ppm	● 13	● 6	---	---
Zinc	ppm	● 11	● 11	---	---
Phosphorus	ppm	811	● 1253	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	54	● 317	---	---

T:
F:

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Aluminum ppm levels are abnormal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: TIL10TIL
 Unique No: 5658784
 Signed: Kevin Marson
 Report Date: 18 Oct 2023



Graphs

