

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R92254275 - Right Final Drive

Sample No: LH0280967

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0280967	LH0238612	---	---
Sample Date	06 Jun 2024	22 Feb 2023	---	---
Machine Hours	3000	518	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Liebherr Canada
 140 - 21320 Gordon Way
 Richmond, BC
 CA V6W 1J8
 Contact: Kevin Steer
 kevin.steer@liebherr.com
 T:
 F: (604)270-3254



Oil Condition

Visc @ 40°C	cSt	91.3	195	---	---
-------------	-----	------	-----	-----	-----



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	112	2	---	---
Sodium	ppm	9	7	---	---
Potassium	ppm	11	2	---	---

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	200	43	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	38	<1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	2	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	24	12	---	---
Magnesium	ppm	12	<1	---	---
Zinc	ppm	12	13	---	---
Phosphorus	ppm	1250	1389	---	---
Barium	ppm	1	10	---	---
Boron	ppm	277	4	---	---

Depot: LIERIC
 Unique No: 5814305
 Signed: Kevin Marson
 Report Date: 19 Jul 2024



Graphs

