

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [DNA] LIEBHERR R934CT-Rex (S/N 20279) - Left Final Drive

Sample No: LH0290920

Oil Type: KENDALL NS-MP HYPOID GEAR 80W90



#### Sample Information

Sample Number	LH0290920	LH0178227	LH0224518	---
Sample Date	13 May 2024	14 Nov 2023	15 Sep 2022	---
Machine Hours	11000	10334	9870	---
Oil Hours	1000	1000	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

**DOMINION NICKEL ALLOYS LTD.**

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#### Oil Condition

Visc @ 40°C	cSt	136	129	136	---
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#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	8	6	---
Sodium	ppm	2	5	5	---
Potassium	ppm	2	3	<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	27	39	39	---
Copper	ppm	2	4	5	---
Lead	ppm	1	2	3	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	2	2	2	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	10	12	19	---
Magnesium	ppm	4	2	5	---
Zinc	ppm	8	14	17	---
Phosphorus	ppm	551	566	623	---
Barium	ppm	<1	<1	0	---
Boron	ppm	6	8	11	---

Depot: DOMBUR  
Unique No: 5801738  
Signed: Wes Davis  
Report Date: 26 Jun 2024



### Graphs

