

LIEBHERR

CONSTRUCTION EQUIPMENT



L90 - Rear Differential

Sample No: LH0265890

Oil Type: PETRO CANADA DURATRAN



SAMPLE INFORMATION

Sample Number	LH0265890	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Gerdau - Mandak Metal Processors Ltd.,
 1 Railway St., P.O. Box 334
 Selkirk, MB
 CA R1A 2B3
 Contact: Rolyn De La Cruz
 rolyn.delacruz@gerdau.com
 T:
 F: (204)482-8241



OIL CONDITION

Visc @ 40°C	cSt	39.7	---	---	---
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CONTAMINATION

Silicon	ppm	14	---	---	---
Sodium	ppm	9	---	---	---
Potassium	ppm	3	---	---	---

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	36	---	---	---
Copper	ppm	18	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4062	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1628	---	---	---
Phosphorus	ppm	1395	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	117	---	---	---

Depot: MANSEL
Unique No: 5642544
Signed: Wes Davis
Report Date: 11 Sep 2023



GRAPHS

