

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 14791 - Front Right Wheel Hub

Sample No: LH0180266

Oil Type: CHEVRON DELO GEAR ESI OIL 80W90



INTERFOR CORP

5060 RTE 430
BRUNSWICK MINE, NB
CA E2A 6W6
Contact: Daniel Hachey
daniel.hachey@interfor.com
T: (506)547-8700
F: (506)548-1892



SAMPLE INFORMATION

Sample Number	LH0180266	LH	LH0260763	---
Sample Date	09 Jan 2024	27 Dec 2023	16 Oct 2023	---
Machine Hours	16000	22000	21000	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	126	129	127	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	8	11	---
Sodium	ppm	2	1	2	---
Potassium	ppm	1	2	1	---



WEAR METALS

Iron	ppm	76	70	87	---
Copper	ppm	8	2	4	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	2	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	2	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	18	22	15	---
Magnesium	ppm	3	3	3	---
Zinc	ppm	21	14	13	---
Phosphorus	ppm	1740	1710	1720	---
Barium	ppm	0	0	<1	---
Boron	ppm	301	297	312	---

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.

Depot: BATBRU
Unique No: 5709867
Signed: Wes Davis
Report Date: 15 Jan 2024



GRAPHS

