

LIEBHERR

CONSTRUCTION EQUIPMENT



054454-194 - Rear Left Wheel Hub

Sample No: LHMC123425

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LHMC123425	---	---	---
Sample Date	09 Jan 2020	---	---	---
Machine Hours	3409	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

UNITED STATES GYPSUM
 301 RILEY RD
 EAST CHICAGO, IN
 US 43612
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	143	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	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	42	---	---	---
Copper	ppm	12	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	1497	---	---	---
Barium	ppm	109	---	---	---
Boron	ppm	163	---	---	---

Depot: UNIEASLH
Unique No: 8883920
Signed: Don Baldrige
Report Date: 16 Jan 2020



GRAPHS

