

LIEBHERR

CONSTRUCTION EQUIPMENT



054454-194 - Rear Right Wheel Hub

Sample No: LHMC123426

Oil Type: LIEBHERR GEAR BASIC 90 LS



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



SAMPLE INFORMATION

Sample Number	LHMC123426	---	---	---
Sample Date	09 Jan 2020	---	---	---
Machine Hours	3409	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	153	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<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	45	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
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	8	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	1391	---	---	---
Barium	ppm	173	---	---	---
Boron	ppm	117	---	---	---

Depot: UNIEASLH
Unique No: 8883921
Signed: Don Baldrige
Report Date: 16 Jan 2020



GRAPHS

