

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR776 15946 - Rear Left Final Drive

Sample No: LHMC147051

Oil Type: LIEBHERR HYPOID 85W-140 EP



LIEBHERR MINING EQUIPMENT CO
 5800 S DOUGLAS HWY
 GILLETTE, WY
 US 82718
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SAMPLE INFORMATION

Sample Number	LHMC147051	---	---	---
Sample Date	18 Jul 2019	---	---	---
Machine Hours	73	---	---	---
Oil Hours	73	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 388	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 6	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 15	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 7	---	---	---
Phosphorus	ppm	● 1048	---	---	---
Barium	ppm	● <1	---	---	---
Boron	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.

Depot: LIEGIL
 Unique No: 8682754
 Signed: Don Baldrige
 Report Date: 30 Jul 2019

Contact/Location: TED PILZ - LIEGIL



GRAPHS

