

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR776 15946 - Left Final Drive

Sample No: LH0220502

Oil Type: CHEVRON MULTIGEAR EP5 80W90



LIEBHERR MINING EQUIPMENT CO
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SAMPLE INFORMATION

Sample Number	LH0220502	LH0220508	---	---
Sample Date	14 Oct 2023	10 May 2023	---	---
Machine Hours	8488	9275	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	232	231	---	---
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CONTAMINATION

Silicon	ppm	● 4	● 2	---	---
Sodium	ppm	● <1	● <1	---	---
Potassium	ppm	● 2	● <1	---	---



WEAR METALS

Iron	ppm	● 485	● 324	---	---
Copper	ppm	● 1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 1	---	---
Chromium	ppm	● 5	● 3	---	---
Molybdenum	ppm	● <1	● <1	---	---
Nickel	ppm	● 1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 4	● 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 69	● 10	---	---
Magnesium	ppm	● 1	● <1	---	---
Zinc	ppm	● 35	● 4	---	---
Phosphorus	ppm	● 401	● 410	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 53	● 49	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LIEGIL
 Unique No: 10712612
 Signed: Sean Felton
 Report Date: 27 Oct 2023



GRAPHS

