

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR776 15946 - Right Final Drive

Sample No: LHMC105945

Oil Type: CHEVRON MULTIGEAR EP5 80W90



LIEBHERR MINING EQUIPMENT CO
 5800 S DOUGLAS HWY
 GILLETTE, WY
 US 82718
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 T:
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Sample Information

Sample Number	LHMC105945	LH0220503	LH0220509	---
Sample Date	14 May 2024	14 Oct 2023	10 May 2023	---
Machine Hours	11418	8488	9275	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	321	328	325	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	3	3	---
Sodium	ppm	3	6	3	---
Potassium	ppm	2	2	0	---



Wear Metals

Iron	ppm	460	405	376	---
Copper	ppm	4	3	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	2	---
Chromium	ppm	4	3	3	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	1	0	0	---
Manganese	ppm	4	3	3	---
Vanadium	ppm	<1	0	0	---



Additives

Calcium	ppm	37	36	28	---
Magnesium	ppm	1	<1	<1	---
Zinc	ppm	48	54	42	---
Phosphorus	ppm	1005	1160	1131	---
Barium	ppm	0	0	0	---
Boron	ppm	8	6	8	---

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: 11049824
 Signed: Sean Felton
 Report Date: 30 May 2024



Graphs

