

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR776 15946 - Splitter Box

Sample No: LH0220504

Oil Type: CHEVRON MULTIGEAR EP5 80W90



LIEBHERR MINING EQUIPMENT CO
 5800 S DOUGLAS HWY
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SAMPLE INFORMATION

Sample Number	LH0220504	LH0220567	LHMC147119	---
Sample Date	14 Oct 2023	10 May 2023	18 Jul 2019	---
Machine Hours	8488	9275	73	---
Oil Hours	0	0	73	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	332	332	365	---
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CONTAMINATION

Silicon	ppm	22	24	6	---
Sodium	ppm	2	3	2	---
Potassium	ppm	6	4	0	---



WEAR METALS

Iron	ppm	87	90	4	---
Copper	ppm	8	7	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	9	11	<1	---
Chromium	ppm	2	2	<1	---
Molybdenum	ppm	2	2	<1	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	171	181	6	---
Magnesium	ppm	2	2	2	---
Zinc	ppm	74	62	10	---
Phosphorus	ppm	1153	1164	1033	---
Barium	ppm	0	0	2	---
Boron	ppm	10	10	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 fluid. The condition of the fluid is acceptable for the time in service.

Depot: LIEGIL
 Unique No: 10712615
 Signed: Sean Felton
 Report Date: 27 Oct 2023



GRAPHS

