

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR776 15946 - Splitter Box

Sample No: LHMC105941

Oil Type: CHEVRON MULTIGEAR EP5 80W90



LIEBHERR MINING EQUIPMENT CO
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Sample Information

Sample Number	LHMC105941	LH0220504	LH0220567	LHMC147119
Sample Date	14 May 2024	14 Oct 2023	10 May 2023	18 Jul 2019
Machine Hours	11418	8488	9275	73
Oil Hours	0	0	0	73
Oil Changed	Not Changd	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	321	332	332	365



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	22	24	6
Sodium	ppm	2	2	3	2
Potassium	ppm	5	6	4	0



Wear Metals

Iron	ppm	73	87	90	4
Copper	ppm	11	8	7	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	9	9	11	<1
Chromium	ppm	2	2	2	<1
Molybdenum	ppm	2	2	2	<1
Nickel	ppm	1	<1	<1	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	1	0	0	0
Manganese	ppm	1	1	1	<1
Vanadium	ppm	<1	0	0	0



Additives

Calcium	ppm	172	171	181	6
Magnesium	ppm	2	2	2	2
Zinc	ppm	75	74	62	10
Phosphorus	ppm	955	1153	1164	1033
Barium	ppm	0	0	0	2
Boron	ppm	13	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: 11049823
 Signed: Sean Felton
 Report Date: 30 May 2024



Graphs

