

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60 1217-135285 - Splitter Box

Sample No: LH0223490

Oil Type: DURALENE POSITRAC 90



Sample Information

Sample Number	LH0223490	LH0223479	LH0223468	DC0022346
Sample Date	05 Jul 2024	20 Oct 2023	23 Apr 2023	30 Nov 2022
Machine Hours	4444	3182	2000	1796
Oil Hours	0	0	0	700
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CONSERVIT INC.

PO BOX 1517
HAGERSTOWN, MD
US 21740
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Oil Condition

Visc @ 40°C	cSt	107	116	117	122
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	<1	4
Sodium	ppm	0	2	2	2
Potassium	ppm	1	<1	0	0



Wear Metals

Iron	ppm	16	22	19	19
Copper	ppm	2	2	1	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	0	<1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	<1	0	0	0



Additives

Calcium	ppm	190	268	199	192
Magnesium	ppm	15	20	21	18
Zinc	ppm	110	143	113	107
Phosphorus	ppm	1353	1254	1261	1127
Barium	ppm	<1	0	0	0
Boron	ppm	146	128	142	106

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: CONHAG
Unique No: 11124114
Signed: Wes Davis
Report Date: 15 Jul 2024



Graphs

