

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R944CR944C - Splitter Box

Sample No: LH0256653

Oil Type: CATALYS 80W90



SAMPLE INFORMATION

Sample Number	LH0256653	LH0224637	LH0178475	LH0155577
Sample Date	19 Oct 2023	23 Sep 2022	01 Oct 2021	13 May 2020
Machine Hours	16000	500	500	1005
Oil Hours	500	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CRAWFORD METAL CORPORATION
 300 COLLEGE STREET EAST
 BELLEVILLE, ON
 CA K8N 5B3
 Contact: Shawna Geen
 belleville@crawfordmetal.com
 T:
 F: (613)966-9954



OIL CONDITION

Visc @ 40°C	cSt	134	130	125	119
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	9	4	3	5
Sodium	ppm	1	<1	<1	0
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	52	14	17	30
Copper	ppm	2	2	2	<1
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	2
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	4	6	18
Magnesium	ppm	2	<1	<1	<1
Zinc	ppm	90	40	57	59
Phosphorus	ppm	671	469	484	308
Barium	ppm	<1	0	<1	0
Boron	ppm	3	2	2	5

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: CRABEL
 Unique No: 5668181
 Signed: Wes Davis
 Report Date: 23 Oct 2023



GRAPHS

