CONSTRUCTION EQUIPMENT

LIEBHERR LH50 1216-130391 - Front Right Wheel Hub

Sample No: LH0264359

Oil Type: CHEVRON DELO GEAR ESI OIL 80W90

_ _				
SAMPLEINFOR	MATION			
Sample Number	LH0264359	LH0236055	LH0220819	LH0203922
Sample Date	25 Jul 2023	01 Mar 2023	31 Aug 2022	12 Apr 2022
Machine Hours	3023	2059	1273	807
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITION				

ampie	Status		NORWAL	NORIVIAL	NORIVIAL	NORIVIAL
A						
	OIL CO	NDITION				
isc @	40°C	cSt	138		O 131	159
-4						

CONT	AMINAT	ION				
Silicon	ppm	5	O 7	9	○ 37	
Sodium	ppm	4	6	3	6	
Potassium	ppm	1	O 2	0	02	

WEA	R METALS				
Iron	ppm	69	O 67	O 56	O 119
Copper	ppm	12	O 5	1 3	O 16
Lead	ppm	() <1	O <1	0	O <1
Tin	ppm	0	O 0	0	O <1
Aluminum	ppm	1	O <1	O 2	4
Chromium	ppm	0 <1	O <1	0	O <1
Molybdenum	ppm	() <1	O <1	O 2	4
Nickel	ppm	0	O 0	0	O 0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	O 2	O <1	2
Vanadium	ppm	0	0	0	0

ADD	ITIVES				
Calcium	ppm	66	O 90	O 147	193
Magnesium	ppm	8	O 6	9	2
Zinc	ppm	39	O 52	6 3	67
Phosphorus	ppm	1109	O 1848	954	1524
Barium	ppm	0	0	O 0	0
Boron	ppm	2	3	1 3	4



VERSO CORP 7100 COUNTY 426 M.5 RD ESCANABA, MI US 49837 Contact: Service Manager

T: F:

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: **VERESC** Unique No: 10604509 Signed: Sean Felton **Report Date:** 16 Aug 2023

LIEBHERR







GRAPHS

