LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50 137429 - Rear Right Wheel Hub

Sample No: LH0274507

Oil Type: GEAR OIL SAE 75W90

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U SAM	PLE INFO	DRMATION			
Sample Number		LH0274507	LH0247029	LH0251879	LH0247370
Sample Date		20 Aug 2023	11 Jun 2023	23 Feb 2023	02 Dec 2022
Machine Hours		6359	5689	4360	0
Oil Hours		0	0	0	0
Oil Changed		Changed	N/A	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
Sample Status		NORWAL	NONIVIAL	NONIVIAL	NONIVIAL
A					
OIL	ONDITIO	DN			
Visc @ 40°C	cSt	103	O 103	O 101	O 101
CON	TAMINA	TION			
Silicon	ppm	2	O 2	O 2	0 2
Sodium	ppm	O <1	0 <1	0 <1	01
Potassium	ppm	00	00	0 <1	0 <1
	ррііі		0 0	0 11	
(O)	D 44554	1.0			
WEA	R META	LS			
Iron	ppm	9	O 7	8	10
Copper	ppm	15	0 8	6	O 12
Lead	ppm	() <1	0	<1	O <1
Tin	ppm	0	O 0	O 0	0
Aluminum	ppm	0 <1	O <1	<1	O <1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	O 0	0	O 0
Nickel	ppm	○ <1	O 0	O <1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	O <1	O <1	O <1
Vanadium	ppm	0	0	0	0
ADD	ITIVES				
Calcium	ppm	17	O 13	O 15	O 24
Magnesium	ppm	<u>0</u> 2	0 1	0 2	O 2
Zinc	ppm	17	O 13	O 14	O 14
Phosphorus	ppm	1324	O 1409	O 1372	1347
Barium	ppm	0	O 0	O 0	0

312

307



CMI - COMBINED METAL INDUSTRIES 505 GARY RAY DRIVE NORTH YORK, ON CA M9L 1P9 Contact: Greg Sacher gsacher@combinedmetal.com T: (416)642-7262 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:COMWESUnique No:5630299Signed:Wes DavisReport Date:21 Aug 2023

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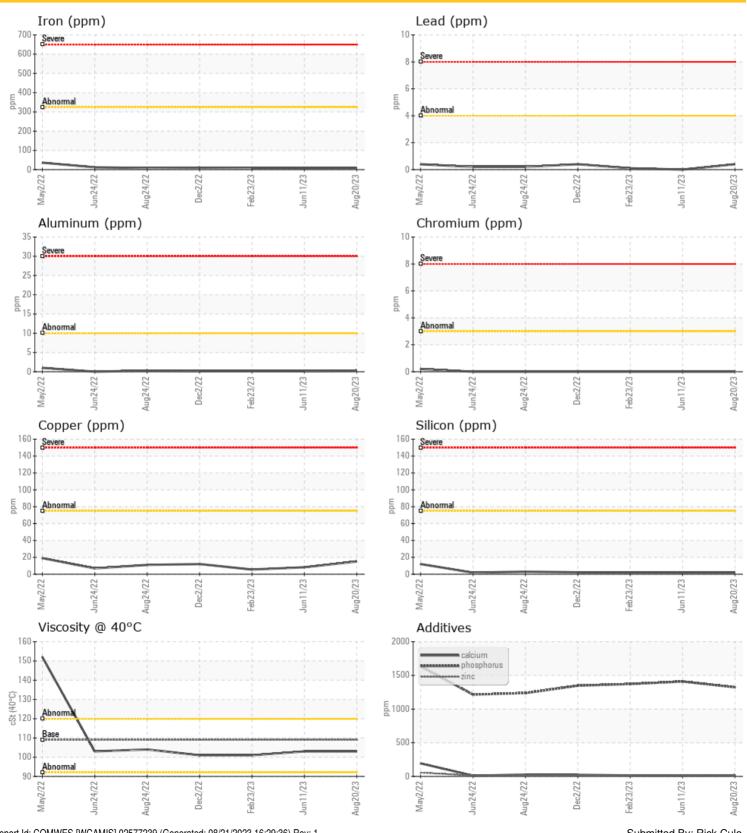
ppm

Boron





GRAPHS



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Submitted By: Rick Cule