LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L580 1414-56018 - Front Left Wheel Hub

Sample No: LH06027239

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Molybdenum

ppm

ppm

ppm

ppm

ppm

ppm

ppm

2

1

<1</p>

<1</p>

0

0

2

Oil Type: GEAR OIL SAE 80W90





VERSO CORP - QUINNESEC MILL W6791 US HWY 2

QUINNESEC, MI US 49876

Contact: ERIC LARSON eric.larson@versoco.com

T: F:

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

vanadium	ppm	U	<	<	U
ADDITIVES					
Calcium	ppm	30	O 7	9	O 12
Magnesium	ppm	0 <1	0	1	O 0
Zinc	ppm	42	24	○ 36	○ 37
Phosphorus	ppm	2715	2599	2318	2841
Barium	ppm	0	O 0	O 0	O 0
Boron	ppm	0	0	0	0

0 <1

 \bigcirc <1

0

02

0 <1

 \bigcirc <1

0

 \bigcirc 2

Depot:VERQUIUnique No:10777030Signed:Angela BorellaReport Date:08 Dec 2023

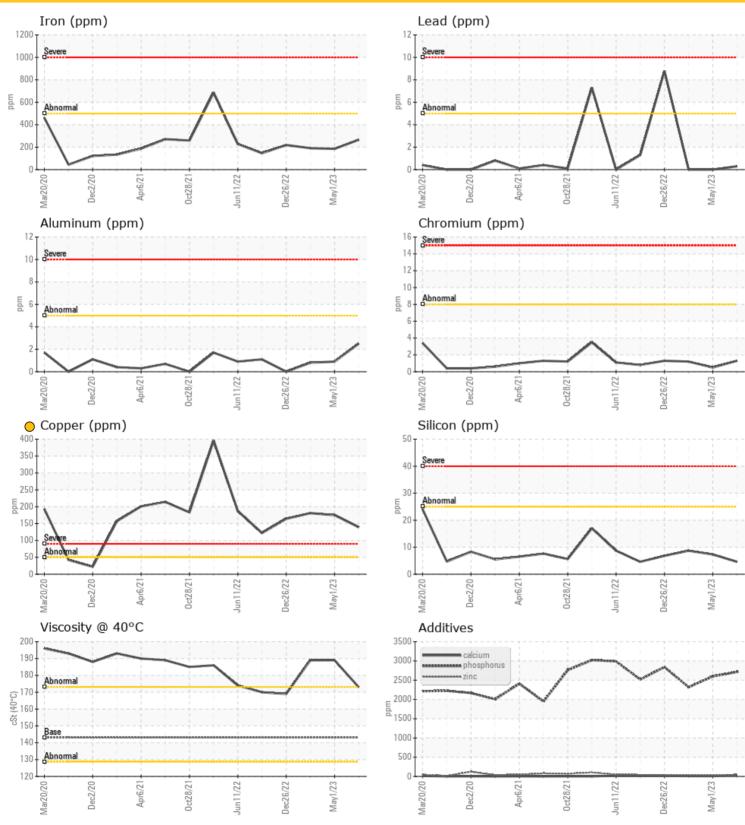
LIEBHERR

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GRAPHS



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Submitted By: ?