

0 <1

LIEBHERR LH110 1227-155752 - Rear Right Wheel Hub

Sample No: LH0280590

Sodium

Oil Type: GEAR OIL SAE 80W90

ppm

Sample Information LH0280590 Sample Number LH0280590 LH0280579 LH0280568 Sample Date 18 Apr 2024 19 Mar 2024 20 Feb 2024 11 Jan 2024 Machine Hours 1980 1544 1022 507 **Oil Hours** 0 0 0 0 Oil Changed Changed Not Changd Changed Not Changd Sample Status ATTENTION ATTENTION NORMAL NORMAL **Oil Condition** Visc @ 40°C cSt 96.4 99.6 0 149 0 150 **Contamination** % Water NEG NEG NEG NEG Silicon 8 ppm 05 4 7

○ <1

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Potassium	ppm	0	01	0	01
*					
Wear Metals					
lues		0.51	0.00		0.07
Iron	ppm	0 51	39	5 5	37
Copper	ppm	0 14	0 10	25	0 19
Lead	ppm	0	0	○ <1	○ <1
Tin	ppm	0 0	2	0	○ <1
Aluminum	ppm	○ <1	○ <1	○ <1	○ <1
Chromium	ppm	○ <1	○ <1	○ <1	0
Molybdenum	ppm	01	2	○ <1	0
Nickel	ppm	0 0	○ <1	0	○ <1
Titanium	ppm	○ <1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	01	○ <1	2	2
Vanadium	ppm	0	<1	<1	0

0 **Additives** Calcium ppm 0 183 0 177 99 107 04 $\bigcirc 0$ Magnesium ppm $\bigcirc 4$ 0 93 0 24 Zinc 0 105 23 ppm Phosphorus 0 469 0 1365 ppm 0 481 1246 Barium 0 0 ppm ○ <1 Boron ppm 02 $\bigcirc 4$ Λ





KINDER MORGAN

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Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot:KINTRIUnique No:11031832Signed:Don BaldridgeReport Date:17 May 2024

Report Id: KINTRI [WUSCAR] 06180506 (Generated: 05/17/2024 19:24:26) Rev: 1

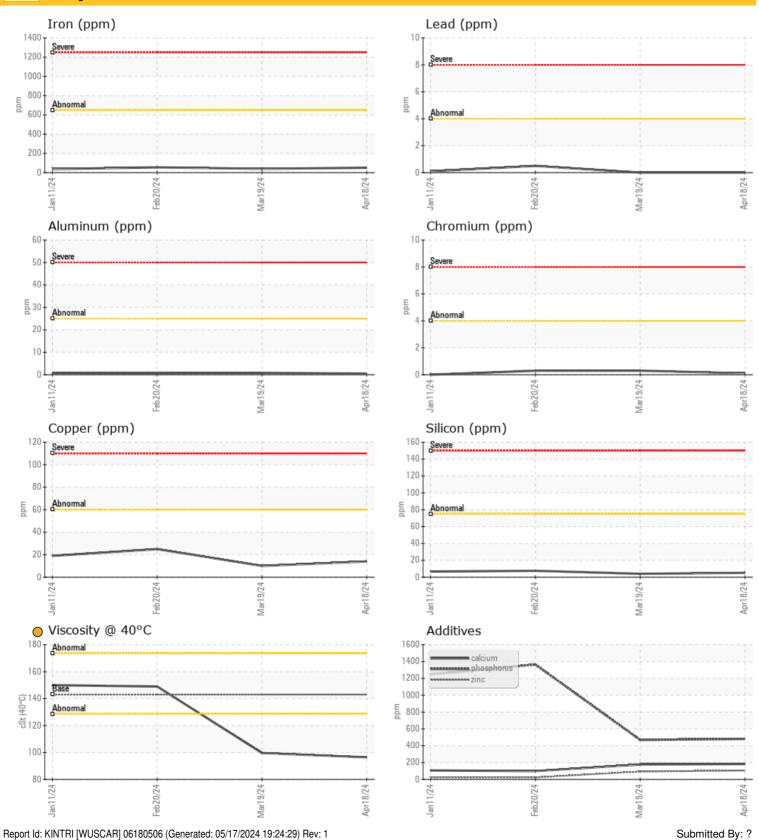
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Graphs



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