

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 116354-1215 - Front Left Wheel Hub

Sample No: LH0289664

Oil Type: PETRO CANADA TRAXON XL SYN BLEND 75W90



#### Information sur l'échantillon

Numéro d'échant.	<b>LH0289664</b>	LH0277620	LH0150660	LH0193092
Date d'échant.	<b>05 Jun 2024</b>	25 Jan 2024	23 Nov 2021	02 Jun 2021
Heures de la Machine	<b>11257</b>	10071	5042	3933
Heures de l'huile	<b>0</b>	0	0	0
Huile changée	<b>Changed</b>	Changed	Changed	Changed
Statut de l'échant.	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**KIMCO STEEL SALES LTD.**  
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 KINGSTON, ON  
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 doug@kimcosteel.com  
 T: (800)267-0902  
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#### État d'huile

Visc 40°C	cSt	● 117	● 117	● 129	95.2
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#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● 2	● 3	● 2	● 3
Sodium	ppm	● 4	● 4	● 7	● 6
Potassium	ppm	● <1	● 2	● 2	● 1



#### Métaux d'usure

Fer	ppm	● 70	● 75	● 141	● 68
Cuivre	ppm	● 8	● 7	● 13	● 14
Plomb	ppm	● 0	● <1	● 1	● <1
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● 0	● <1	● <1	● <1
Molybdène	ppm	● 0	● 0	● <1	● <1
Nickel	ppm	● <1	● <1	● <1	● <1
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	0	0	0	<1
Manganèse	ppm	● <1	● <1	● 2	● 1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	● 22	● 23	● 15	22
Magnésium	ppm	● 2	● 2	● 3	● 2
Zinc	ppm	18	● 10	● 15	22
Phosphore	ppm	1606	● 1568	● 1920	1297
Baryum	ppm	● 0	● 0	● 0	● 0
Bore	ppm	● 130	● 167	● 105	273

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: KIMKIN  
 Unique No: 5789737  
 Signed: Wes Davis  
 Report Date: 07 Jun 2024



### Graphs

