



### LIEBHERR LH40M 116354-1215 - Rear Right Wheel Hub

Sample No: LH0277619

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**KIMCO STEEL SALES LTD.**  
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 KINGSTON, ON  
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#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277619	LH0150663	LH0193097	LH0150635
Date d'échant.	25 Jan 2024	23 Nov 2021	02 Jun 2021	11 Jan 2021
Heures de la Machine	16071	5042	3933	3029
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	169	158	99.0	99.4
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#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	<1	2	2
Sodium	ppm	1	4	<1	2
Potassium	ppm	<1	<1	<1	<1



#### MÉTAUX D'USURE

Fer	ppm	13	26	20	25
Cuivre	ppm	1	3	15	33
Plomb	ppm	0	0	<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	0	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	5	10	9	19
Magnésium	ppm	<1	2	3	7
Zinc	ppm	5	11	15	32
Phosphore	ppm	2228	2285	1229	1244
Baryum	ppm	0	0	0	0
Bore	ppm	28	30	309	287

#### 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: 5721988  
 Signed: Wes Davis  
 Report Date: 01 Feb 2024



### GRAPHS

