



### LIEBHERR LH40M 116354-1215 - Rear Differential

Sample No: LH0289662

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**KIMCO STEEL SALES LTD.**  
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#### Information sur l'échantillon

Número d'échant.	<b>LH0289662</b>	LH0277616	LH0150654	LH0193089
Date d'échant.	<b>05 Jun 2024</b>	25 Jan 2024	25 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



#### État d'huile

Visc 40°C	cSt	<b>109</b>	169	156	99.6
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#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<b>0</b>	<1	<1	1
Sodium	ppm	<b>&lt;1</b>	2	4	<1
Potassium	ppm	<b>0</b>	2	<1	<1



#### Métaux d'usure

Fer	ppm	<b>9</b>	10	24	20
Cuivre	ppm	<b>3</b>	1	4	15
Plomb	ppm	<b>0</b>	<1	0	<1
Étain	ppm	<b>0</b>	0	0	0
Aluminium	ppm	<b>0</b>	<1	<1	<1
Chrome	ppm	<b>0</b>	0	<1	<1
Molybdène	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titane	ppm	<b>0</b>	0	0	0
Argent	ppm	<b>0</b>	0	0	<1
Manganèse	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### Additifs

Calcium	ppm	<b>16</b>	4	11	9
Magnésium	ppm	<b>1</b>	<1	2	2
Zinc	ppm	<b>12</b>	4	11	14
Phosphore	ppm	<b>1453</b>	2205	2309	1226
Baryum	ppm	<b>0</b>	0	0	0
Bore	ppm	<b>252</b>	27	31	309

#### Diagnostic

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:** KIMKIN  
**Unique No:** 5789735  
**Signed:** Wes Davis  
**Report Date:** 07 Jun 2024



### Graphs

