

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 116354-1215 - Front Differential

Sample No: LH0277617

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277617	LH0193088	LH0128027	LH0128509
Date d'échant.	25 Jan 2024	02 Jun 2021	11 Jan 2021	12 Aug 2020
Heures de la Machine	10071	3933	3029	2108
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

**KIMCO STEEL SALES LTD.**  
 1325 JOHN COUNTER BLVD  
 KINGSTON, ON  
 CA K7L 4W1  
 Contact: David Roy  
 doug@kimcosteel.com  
 T: (800)267-0902  
 F: (613)548-4653



#### ÉTAT D'HUILE

Visc 40°C	cSt	164	102	103	101
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#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	2	3	3
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	<1	<1	<1	<1



#### MÉTAUX D'USURE

Fer	ppm	2	13	21	19
Cuivre	ppm	1	11	16	12
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	<1	0	0
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	4	8	6	6
Magnésium	ppm	<1	2	2	2
Zinc	ppm	3	11	13	10
Phosphore	ppm	2094	1230	1153	1278
Baryum	ppm	0	<1	3	6
Bore	ppm	65	323	278	315

#### 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: 5721990  
 Signed: Wes Davis  
 Report Date: 01 Feb 2024



### GRAPHS

