

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 116354-1215 - Rear Differential

Sample No: LH0277616

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277616	LH0150654	LH0193089	LH0128028
Date d'échant.	25 Jan 2024	25 Nov 2021	02 Jun 2021	11 Jan 2021
Heures de la Machine	10071	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

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



ÉTAT D'HUILE

Visc 40°C	cSt	169	156	99.6	99.6
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CONTAMINATION

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



MÉTAUX D'USURE

Fer	ppm	10	24	20	27
Cuivre	ppm	1	4	15	35
Plomb	ppm	<1	0	<1	2
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
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	4	11	9	19
Magnésium	ppm	<1	2	2	7
Zinc	ppm	4	11	14	32
Phosphore	ppm	2205	2309	1226	1249
Baryum	ppm	0	0	0	<1
Bore	ppm	27	31	309	289

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: 5721991
 Signed: Wes Davis
 Report Date: 01 Feb 2024



GRAPHS

