

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 040969-1287 - Rear Differential

Sample No: LH0289346

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Information sur l'échantillon

Numéro d'échant.	LH0289346	LH	LH0239649	LH
Date d'échant.	27 May 2024	12 Jan 2023	26 Jul 2022	03 Feb 2022
Heures de la Machine	21827	18588	17561	16447
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	ATTENTION	NORMAL	NORMAL

**CMI - COMBINED METAL INDUSTRIES**  
 505 GARY RAY DRIVE  
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 T: (416)642-7262  
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#### État d'huile

Visc 40°C	cSt	108	157	96.3	92.3
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#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	2	2	4
Sodium	ppm	2	1	<1	<1
Potassium	ppm	<1	0	<1	<1



#### Métaux d'usure

Fer	ppm	49	52	32	93
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	0	0	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	0	<1	<1
Chrome	ppm	<1	<1	0	<1
Molybdène	ppm	11	7	4	13
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	12	6	7	6
Magnésium	ppm	2	<1	<1	1
Zinc	ppm	11	5	7	7
Phosphore	ppm	2714	2525	3004	3075
Baryum	ppm	<1	0	0	0
Bore	ppm	243	62	296	289

#### 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: COMWES  
 Unique No: 5787351  
 Signed: Wes Davis  
 Report Date: 29 May 2024



### Graphs

