

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340370)] LIEBHERR R945 050696-1866 - Left Final Drive

Sample No: LH0247007

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247007	LH0242612	LH0222717	LH0202795
Date d'échant.	27 Jun 2023	15 Mar 2023	28 Apr 2022	10 Aug 2021
Heures de la Machine	4010	3484	2019	891
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**CLOUTHIER VENTURES LTD.**  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	93.7	96.8	102	113
		●	●	●	●



#### CONTAMINATION

Élément	ppm	11	12	4	2
Silicium	ppm	● 11	● 12	● 4	● 2
Sodium	ppm	● 1	● 1	● <1	● 2
Potassium	ppm	● 2	● <1	● 1	● 1



#### MÉTAUX D'USURE

Élément	ppm	17	15	15	13
Fer	ppm	● 17	● 15	● 15	● 13
Cuivre	ppm	● <1	● 0	● <1	● <1
Plomb	ppm	● 0	● 0	● 0	● 0
Étain	ppm	● <1	● 2	● <1	● <1
Aluminium	ppm	● 2	● 2	● <1	● <1
Chrome	ppm	● <1	● 0	● <1	● <1
Molybdène	ppm	● <1	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● <1	● <1
Titane	ppm	● <1	● <1	● 0	● 0
Argent	ppm	● 0	● <1	● 0	● 0
Manganèse	ppm	● <1	● <1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



#### ADDITIFS

Élément	ppm	12	11	8	11
Calcium	ppm	● 12	● 11	● 8	● 11
Magnésium	ppm	● 3	● 2	● 2	● 2
Zinc	ppm	● 12	● 10	● 9	● 10
Phosphore	ppm	● 1284	● 1362	● 1303	● 1275
Baryum	ppm	● 0	● 0	● <1	● 2
Bore	ppm	● 308	● 323	● 289	● 249

#### 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: CLOPEM  
 Unique No: 5630854  
 Signed: Wes Davis  
 Report Date: 23 Aug 2023



### GRAPHS

