

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR 013805-710 - Rear Differential

Sample No: LHP0012217

Oil Type: {unknown}



**BOIS MARSOUI GDS INC.**  
 2 RTE DE LA MINE CANDEGO  
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#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LHP0012217	LHP0012242	LHP0012237	LHP0012249
Date d'échant.	18 Sep 2004	21 Jun 2004	09 Apr 2004	15 Nov 2003
Heures de la Machine	5000	4000	0	1000
Heures de l'huile	0	0	0	0
Huile changée	N/A	N/A	N/A	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	102	178	193	198
Indice d'acidité	mg KOH/g	---	---	---	0.619



#### CONTAMINATION

Silicium	ppm	4	5	6	3
Sodium	ppm	3	3	3	<1
Potassium	ppm	0	0	0	<1



#### MÉTAUX D'USURE

Fer	ppm	67	295	267	111
Cuivre	ppm	<1	2	1	<1
Plomb	ppm	0	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	2	1	<1
Molybdène	ppm	16	20	16	4
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	1	5	4	2
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	74	436	464	412
Magnésium	ppm	3	6	6	5
Zinc	ppm	12	37	41	34
Phosphore	ppm	598	498	464	400
Baryum	ppm	<1	<1	<1	<1
Bore	ppm	4	4	3	2

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

Depot: BOILAV  
 Unique No: 1837338  
 Signed: Kevin Marson  
 Report Date: 28 Sep 2004



### GRAPHS

