

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 013805-710 - Front Left Planetary

Sample No: LHP0012240

Oil Type: {unknown}



BOIS MARSOUI GDS INC.
 2 RTE DE LA MINE CANDEGO
 MARSOUI, QC
 CA G0E 1S0
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LHP0012240	LHP0012232	LHP0012250	---
Date d'échant.	21 Jun 2004	09 Apr 2004	15 Nov 2003	---
Heures de la Machine	4000	0	1000	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	N/A	N/A	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	127	129	193	---
Indice d'acidité	mg KOH/g	---	---	3.79	---



CONTAMINATION

Silicium	ppm	9	15	19	---
Sodium	ppm	9	11	17	---
Potassium	ppm	2	3	3	---



MÉTAUX D'USURE

Fer	ppm	180	210	244	---
Cuivre	ppm	30	32	39	---
Plomb	ppm	<1	<1	<1	---
Étain	ppm	<1	<1	0	---
Aluminium	ppm	2	2	3	---
Chrome	ppm	1	3	4	---
Molybdène	ppm	<1	0	0	---
Nickel	ppm	<1	<1	<1	---
Titane	ppm	<1	<1	<1	---
Argent	ppm	0	2	0	---
Manganèse	ppm	3	4	6	---
Vanadium	ppm	0	<1	0	---



ADDITIFS

Calcium	ppm	32	48	61	---
Magnésium	ppm	2	3	5	---
Zinc	ppm	42	54	88	---
Phosphore	ppm	1231	1240	2051	---
Baryum	ppm	1	1	2	---
Bore	ppm	3	4	3	---

Diagnostic

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 1774067
 Signed: Kevin Marson
 Report Date: 25 Jun 2004



GRAPHS

