

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353690)] LIEBHERR LH60M 131944-1475 - Front Differential

Sample No: LH0288313

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Eacom Timber Corporation
100 Old Nairn Centre Road
Nairn Centre, ON
CA P0M 2L0
Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0288313	LH0281361	LH0276946	LH0187153
Date d'échant.	27 Apr 2024	28 Jan 2024	22 Nov 2023	16 Dec 2022
Heures de la Machine	12400	11193	10354	6000
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 40°C	cSt	83.5	85.8	104	99.8



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	<1	2	<1
Sodium	ppm	3	<1	0	<1
Potassium	ppm	3	2	<1	<1



Métaux d'usure

Fer	ppm	20	8	8	2
Cuivre	ppm	2	1	3	2
Plomb	ppm	0	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	0
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	0	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	5	5	2	11
Magnésium	ppm	1	2	<1	2
Zinc	ppm	9	5	8	9
Phosphore	ppm	408	422	1295	1282
Baryum	ppm	0	0	0	0
Bore	ppm	3	6	302	302

T:
F:

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: EACNAI
Unique No: 5776174
Signed: Wes Davis
Report Date: 13 May 2024



Graphs

