

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360377)] LIEBHERR L580 059426-1464 - Front Differential

Sample No: LH0237647

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0237647	LH0242480	LH0239711	LH0230688
Date d'échant.	08 Sep 2023	17 Nov 2022	18 Aug 2022	31 May 2022
Heures de la Machine	5106	3593	2987	2443
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CLOUTHIER VENTURES LTD.
 59 MATTHEWS STREET, R.R. # 5
 PEMBROKE, ON
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ÉTAT D'HUILE

Visc 40°C	cSt	159	149	173	115
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CONTAMINATION

Silicium	ppm	3	2	2	11
Sodium	ppm	2	2	1	4
Potassium	ppm	<1	<1	<1	1



MÉTAUX D'USURE

Fer	ppm	42	33	29	213
Cuivre	ppm	26	12	16	117
Plomb	ppm	<1	<1	<1	4
Étain	ppm	2	<1	<1	7
Aluminium	ppm	<1	<1	0	1
Chrome	ppm	<1	0	0	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	4	4	4	32
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	11	51	7	11
Magnésium	ppm	1	<1	<1	2
Zinc	ppm	15	24	11	31
Phosphore	ppm	2090	2252	2231	2517
Baryum	ppm	<1	0	0	0
Bore	ppm	62	45	25	171

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: CLOPEM
 Unique No: 5646711
 Signed: Wes Davis
 Report Date: 28 Sep 2023



GRAPHS

