

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0237658

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

Numéro d'échant.	LH0237658	LH0237647	LH0242480	LH0239711
Date d'échant.	03 May 2024	08 Sep 2023	17 Nov 2022	18 Aug 2022
Heures de la Machine	6520	5106	3593	2987
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CLOUTIER VENTURES LTD.
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État d'huile

Visc 40°C	cSt	179	159	149	173



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	8	3	2	2
Sodium	ppm	2	2	2	1
Potassium	ppm	<1	<1	<1	<1



Métaux d'usure

Fer	ppm	52	42	33	29
Cuivre	ppm	15	26	12	16
Plomb	ppm	1	<1	<1	<1
Étain	ppm	<1	2	<1	<1
Aluminium	ppm	<1	<1	<1	0
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	6	4	4	4
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	4	11	51	7
Magnésium	ppm	<1	1	<1	<1
Zinc	ppm	9	15	24	11
Phosphore	ppm	2210	2090	2252	2231
Baryum	ppm	0	<1	0	0
Bore	ppm	19	62	45	25

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: 5785014
 Signed: Wes Davis
 Report Date: 16 May 2024



Graphs

