

LIEBHERR

CONSTRUCTION EQUIPMENT



120280-1216 - Rear Differential

Sample No: LH0288346

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

Numéro d'échant.	LH0288346	LH	LH0186040	LH0186291
Date d'échant.	15 May 2024	21 Dec 2023	05 May 2022	07 Jun 2021
Heures de la Machine	9098	0	5066	3041
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	NORMAL	ABNORMAL	NORMAL	NORMAL

American Iron and Metal
1273 Kelly Lake Rd.
Sudbury, ON
CA P3E 5P5
Contact: Service Manager



État d'huile

Visc 40°C	cSt	101	103	92.5	116
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T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	3	2	10	29
Sodium	ppm	1	<1	<1	3
Potassium	ppm	<1	<1	<1	1

Diagnostic

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



Métaux d'usure

Fer	ppm	5	2	11	17
Cuivre	ppm	24	20	6	9
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	2
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	57	14	12	12
Magnésium	ppm	6	2	<1	1
Zinc	ppm	50	24	26	19
Phosphore	ppm	1251	1277	1515	1410
Baryum	ppm	0	0	0	0
Bore	ppm	298	302	219	232

Depot: AIMSUD
Unique No: 5787752
Signed: Wes Davis
Report Date: 30 May 2024



Graphs

