

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 120280-1216 - Rear Left Wheel Hub

Sample No: LH0276853

Oil Type: PETRO CANADA SUPREME 5W30



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0276853	LH0186292	LH0186204	LH0173239
Date d'échant.	03 Nov 2023	07 Jun 2021	25 Jan 2021	29 Jul 2020
Heures de la Machine	8000	3041	2163	1085
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	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	94.1	116	187	186

T:

F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	9	29	10	3
Sodium	ppm	<1	3	6	3
Potassium	ppm	0	<1	2	1

#### 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.



#### MÉTAUX D'USURE

Fer	ppm	13	18	39	34
Cuivre	ppm	14	9	9	9
Plomb	ppm	<1	<1	<1	0
Étain	ppm	0	0	<1	0
Aluminium	ppm	<1	2	<1	<1
Chrome	ppm	0	<1	<1	0
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	21	13	17	35
Magnésium	ppm	2	2	<1	1
Zinc	ppm	35	20	25	15
Phosphore	ppm	1242	1418	2307	2427
Baryum	ppm	0	<1	<1	0
Bore	ppm	289	231	3	2

Depot: AIMSUD

Unique No: 5698156

Signed: Wes Davis

Report Date: 22 Dec 2023



### GRAPHS

