

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 123312-1216 - Transmission (Manual)

Sample No: LH0270493

Oil Type: TDTO FLUID SAE 10W



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270493	LH0242277	LH	---
Date d'échant.	23 Jul 2023	14 Oct 2022	19 Aug 2021	---
Heures de la Machine	3278	2145	454	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

**American Iron and Metal**  
 3518 DAVIS DRIVE  
 EAST GWILLIMBURY, ON  
 CA L0G 1E0  
 Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	54.7	50.0	45.6	---
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T:  
F:



#### CONTAMINATION

Silicium	ppm	4	4	3	---
Sodium	ppm	18	30	45	---
Potassium	ppm	1	2	3	---

#### Diagnostic

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



#### MÉTAUX D'USURE

Fer	ppm	18	18	14	---
Cuivre	ppm	70	92	85	---
Plomb	ppm	2	3	3	---
Étain	ppm	2	2	2	---
Aluminium	ppm	3	3	2	---
Chrome	ppm	<1	0	<1	---
Molybdène	ppm	41	24	<1	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	0	<1	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	20	18	9	---
Vanadium	ppm	0	<1	<1	---



#### ADDITIFS

Calcium	ppm	1816	2501	3236	---
Magnésium	ppm	687	377	8	---
Zinc	ppm	1218	1155	1132	---
Phosphore	ppm	1173	1171	1123	---
Baryum	ppm	<1	<1	2	---
Bore	ppm	4	6	3	---

**Depot:** AIMEAS  
**Unique No:** 5616759  
**Signed:** Kevin Marson  
**Report Date:** 24 Jul 2023



### GRAPHS

