

LIEBHERR

CONSTRUCTION EQUIPMENT



123312-1216 - Rear Differential

Sample No: LH0270492

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270492	LH0242276	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	104	107	150	---
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T:
F:



CONTAMINATION

Silicium	ppm	3	4	8	---
Sodium	ppm	1	3	5	---
Potassium	ppm	<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. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	8	10	13	---
Cuivre	ppm	49	69	36	---
Plomb	ppm	1	2	1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	0	0	<1	---
Molybdène	ppm	0	<1	2	---
Nickel	ppm	0	0	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	13	36	202	---
Magnésium	ppm	<1	2	2	---
Zinc	ppm	37	41	51	---
Phosphore	ppm	1300	1408	2220	---
Baryum	ppm	0	0	1	---
Bore	ppm	293	272	6	---

Depot: AIMEAS
Unique No: 5616785
Signed: Wes Davis
Report Date: 24 Jul 2023



GRAPHS

